

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
 Data File : BE099496.D
 Acq On : 2 May 2019 16:54
 Operator : JU/SJ
 Sample : K2588-10MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B194-042519MSD

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:23:13 PM

Quant Time: May 03 04:53:33 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 29 18:36:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2120	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7128	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	4748	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	14564	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24641	0.40	ng	0.00
34) Perylene-d12	23.87	264	28685	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2313	0.39	ng	0.00
5) Phenol-d6	6.96	99	3234	0.41	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2643	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4539m	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1514	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	6719	0.37	ng	-0.02
25) Fluoranthene-d10	19.22	212	81543	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	17985	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	783	0.268	ng	# 74
3) n-Nitrosodimethylamine	3.62	42	777	0.442	ng	# 94
6) bis(2-Chloroethyl)ether	7.23	93	2436	0.362	ng	99
9) Naphthalene	10.65	128	29412	0.379	ng	100
10) Hexachlorobutadiene	10.93	225	1885	0.349	ng	99
12) 2-Methylnaphthalene	12.27	142	4962	0.367	ng	94
16) Acenaphthylene	14.18	152	9013	0.388	ng	99
17) Acenaphthene	14.51	154	5177	0.390	ng	98
18) Fluorene	15.49	166	7498	0.383	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	3215	0.379	ng	# 96
21) Hexachlorobenzene	16.49	284	2955	0.366	ng	99
22) Pentachlorophenol	16.84	266	4764	1.195	ng	97
23) Phenanthrene	17.23	178	18008	0.479	ng	99
24) Anthracene	17.32	178	15384	0.429	ng	100
26) Fluoranthene	19.25	202	34082	0.605	ng	100
28) Pyrene	19.61	202	36505	0.568	ng	99
30) Benzo(a)anthracene	21.35	228	42851	0.546	ng	100
31) Chrysene	21.40	228	40566	0.528	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	62780	0.495	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	44661	0.492	ng	# 93
35) Benzo(b)fluoranthene	23.10	252	41562m	0.502	ng	
36) Benzo(k)fluoranthene	23.15	252	39597	0.496	ng	99
37) Benzo(a)pyrene	23.76	252	39786	0.509	ng	# 98
38) Dibenzo(a,h)anthracene	26.53	278	34674	0.433	ng	98
39) Benzo(g,h,i)perylene	27.33	276	37808	0.472	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

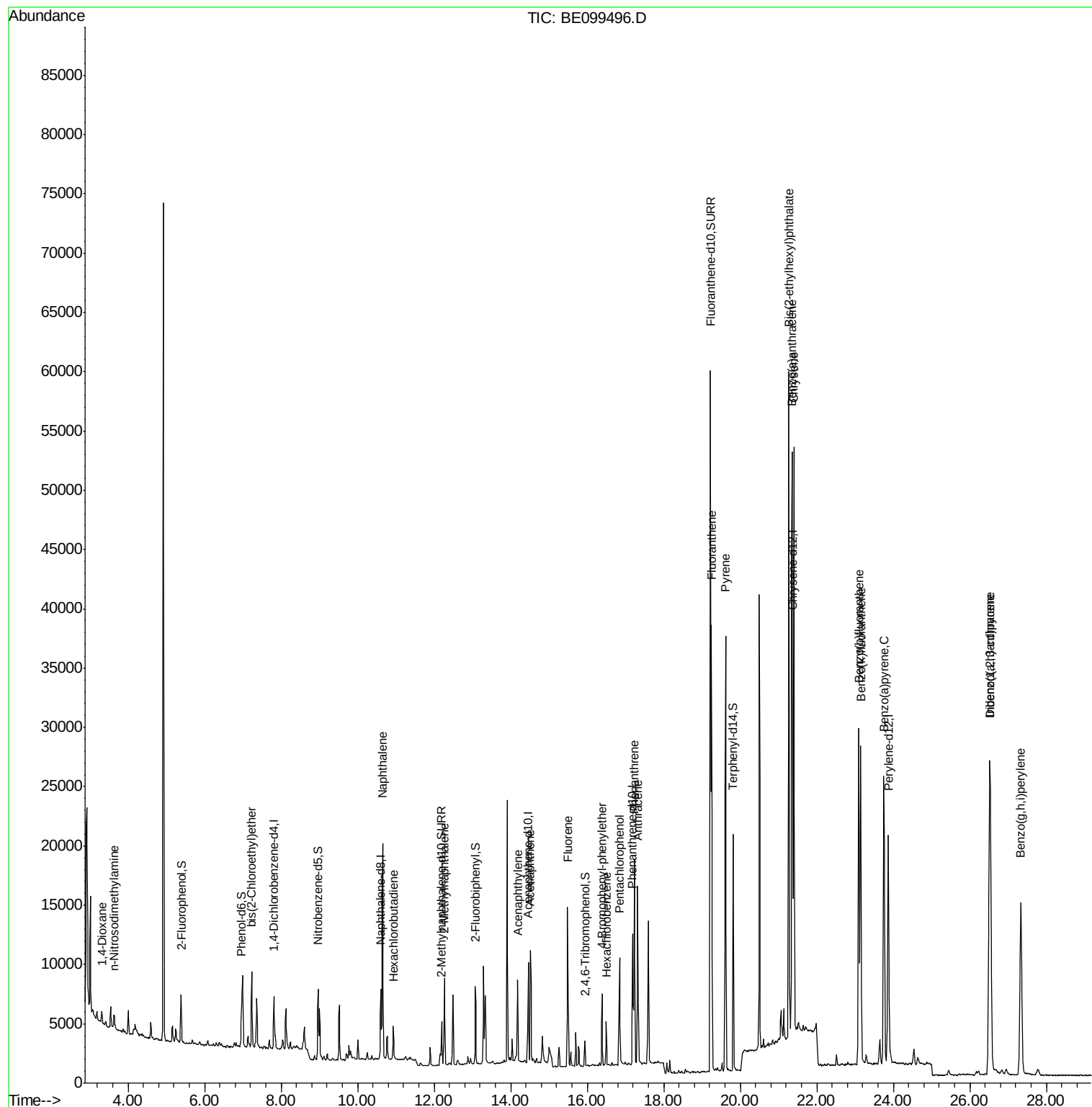
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
Data File : BE099496.D
Acq On : 2 May 2019 16:54
Operator : JU/SJ
Sample : K2588-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

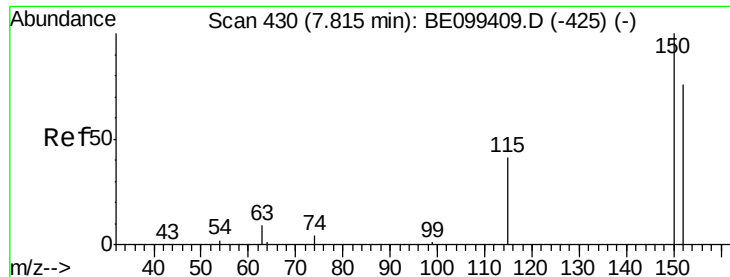
Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

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5/3/2019 4:23:13 PM

Quant Time: May 03 04:53:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

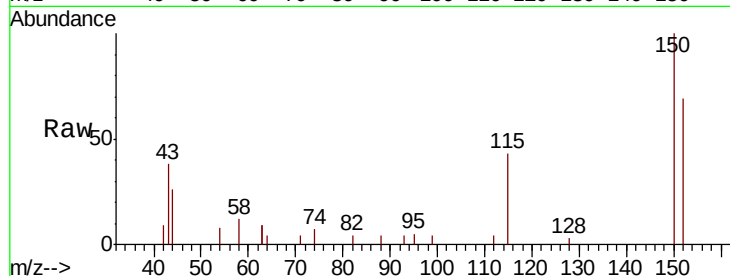
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.7	104.8	157.2
115	62.6	46.6	69.8

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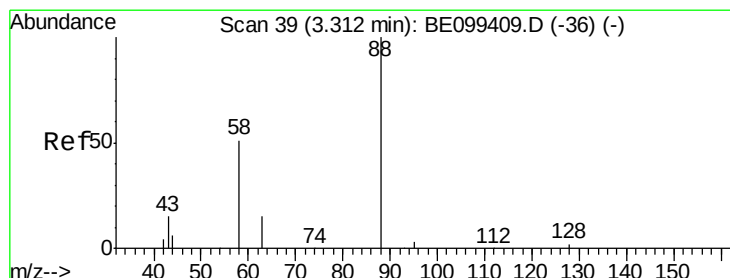
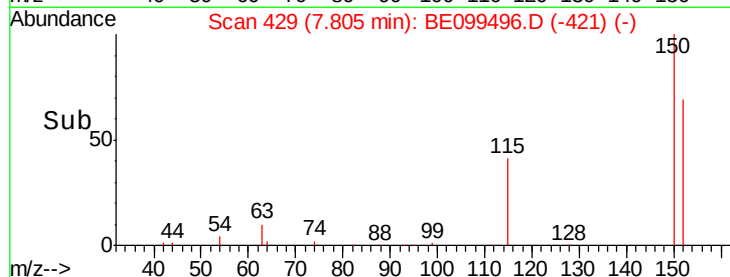
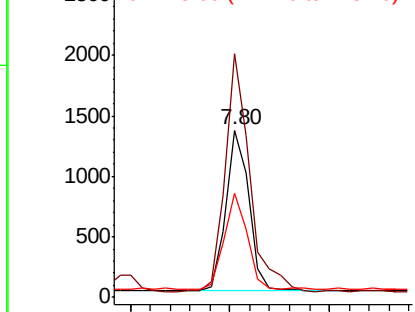


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

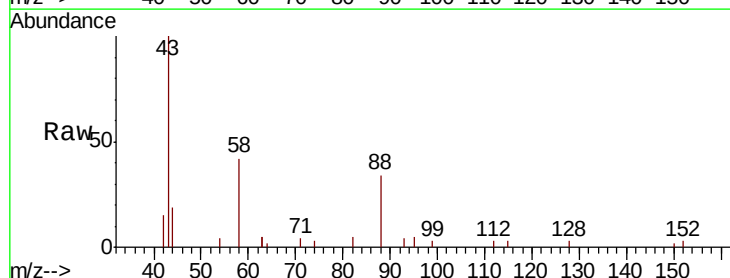
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.268 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	51.0	76.6
43	62.6	20.6	30.8

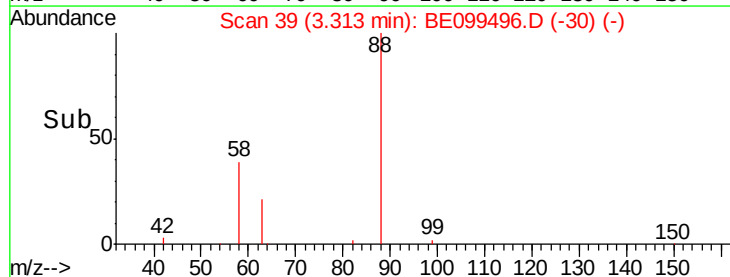
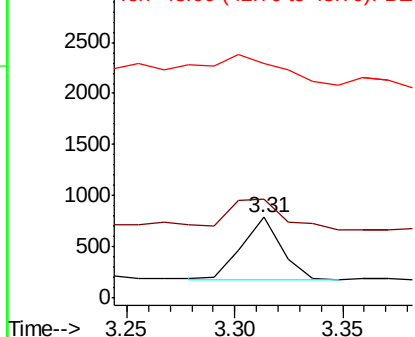


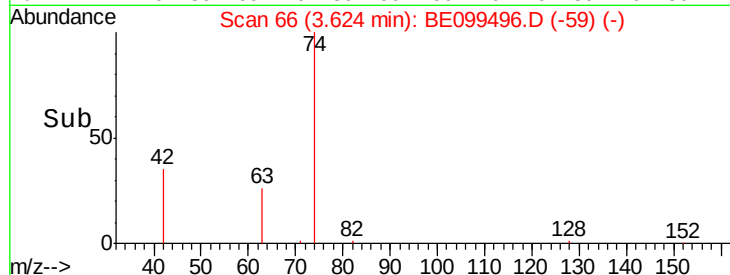
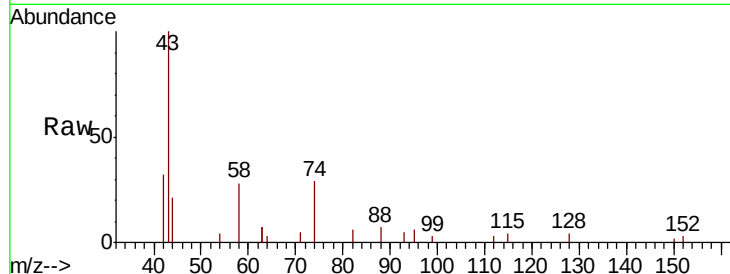
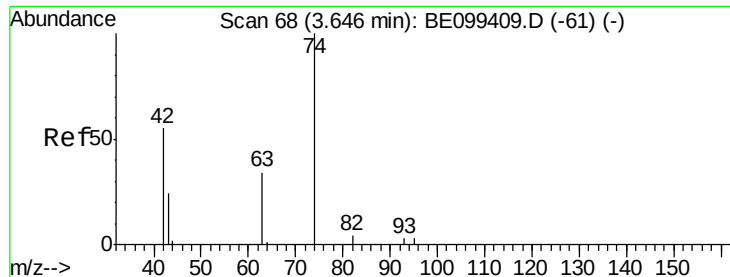
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





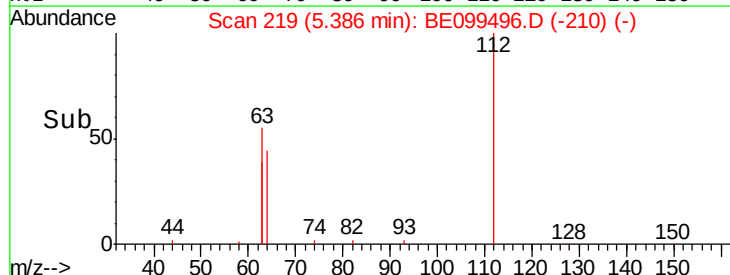
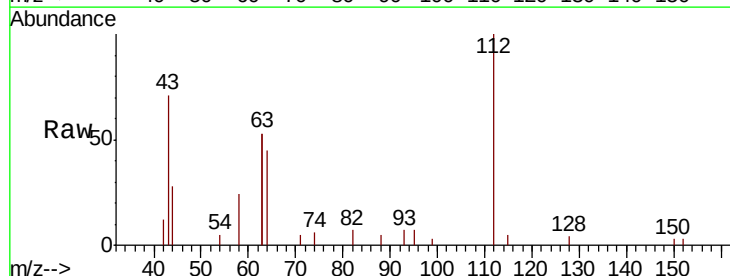
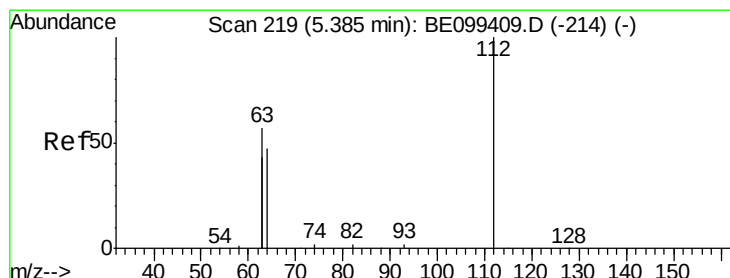
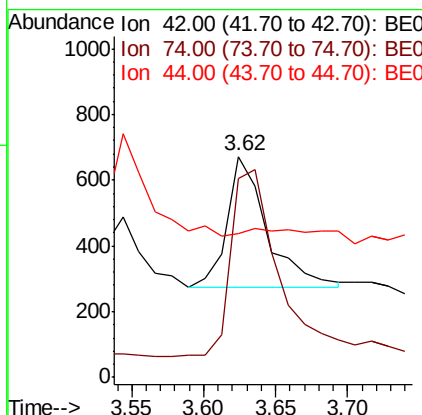
#3
n-Nitrosodimethylamine
Concen: 0.442 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Tgt Ion:	42	Resp:	777
Ion Ratio	Lower	Upper	
42	100		
74	168.7	141.6	212.4
44	3.7	0.0	0.0#

Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

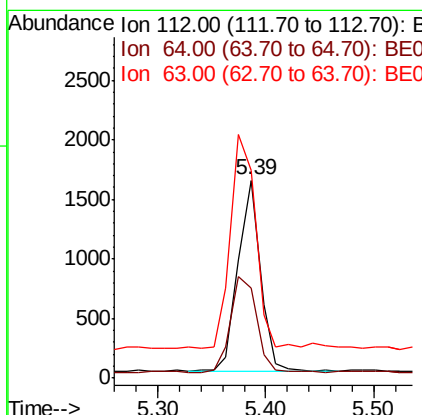
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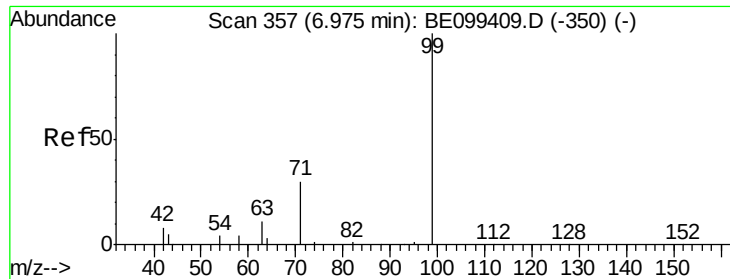
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#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Tgt Ion:	112	Resp:	2313
Ion Ratio	Lower	Upper	
112	100		
64	56.9	47.4	71.0
63	125.1	104.3	156.5





#5

Phenol-d6

Concen: 0.415 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Instrument :

BNA_E

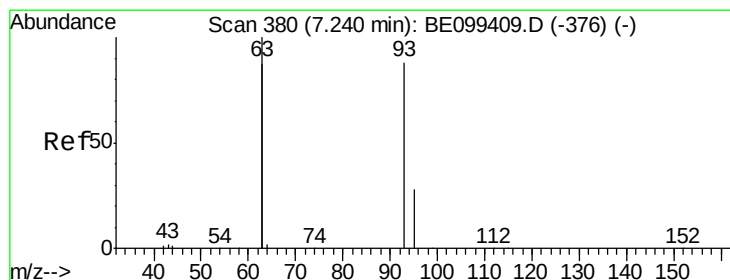
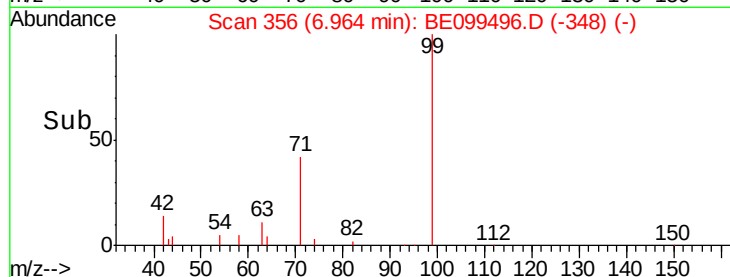
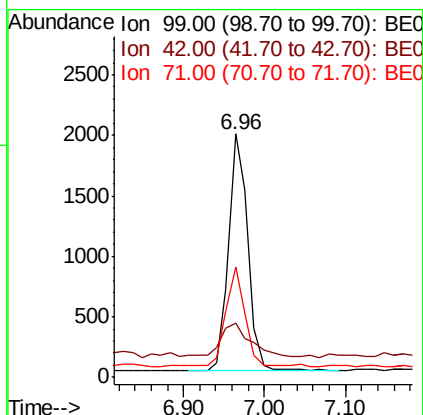
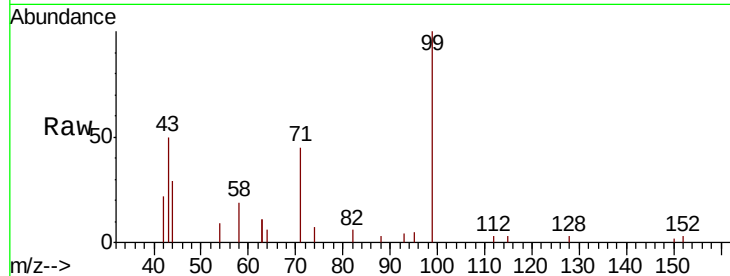
ClientSampleId :

PST-001-B194-042519MSD

Tgt Ion:	99	Resp:	3234
Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.9	22.3
71	41.2	33.0	49.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.362 ng

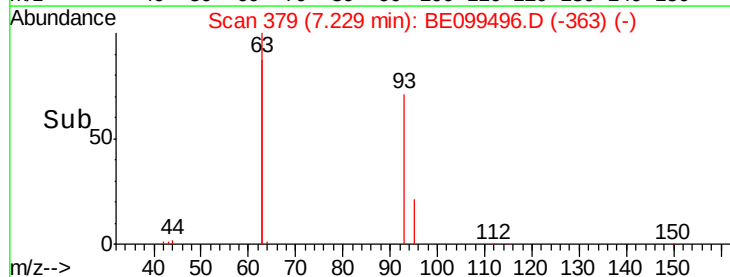
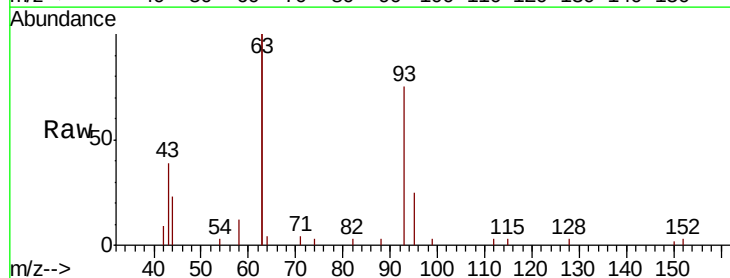
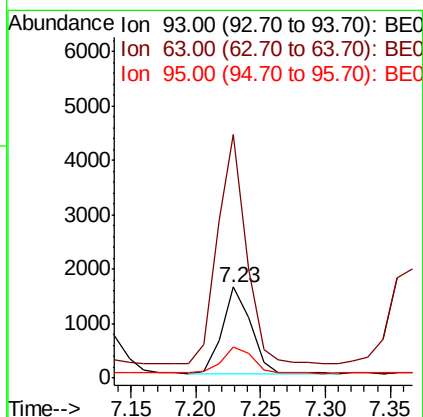
RT: 7.23 min Scan# 379

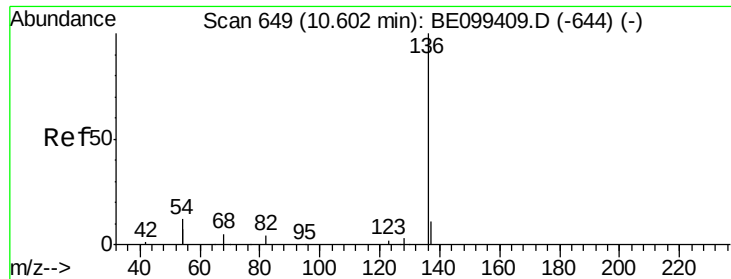
Delta R.T. -0.01 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Tgt Ion:	93	Resp:	2436
Ion	Ratio	Lower	Upper
93	100		
63	268.2	215.6	323.4
95	33.4	26.2	39.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Instrument :

BNA_E

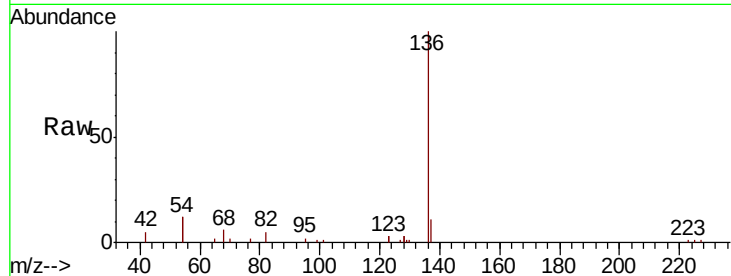
ClientSampleId :

PST-001-B194-042519MSD

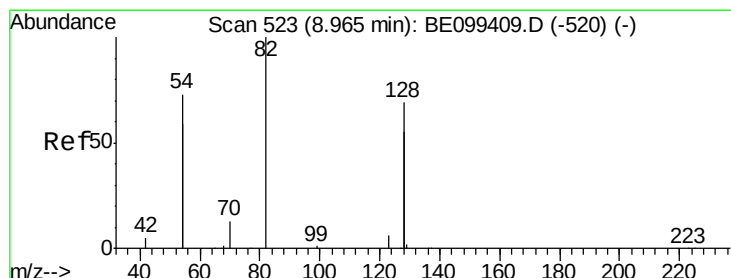
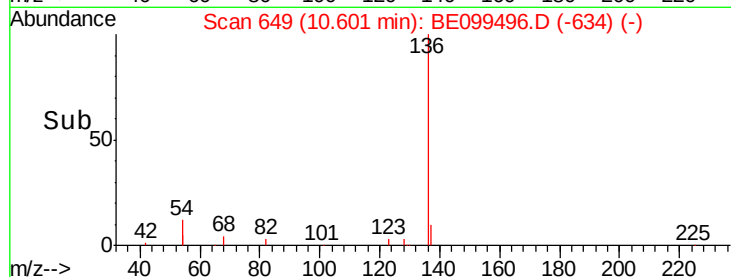
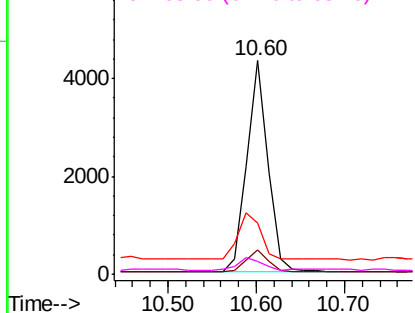
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	24.1	18.5	27.7
68	6.1	4.7	7.1

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.396 ng

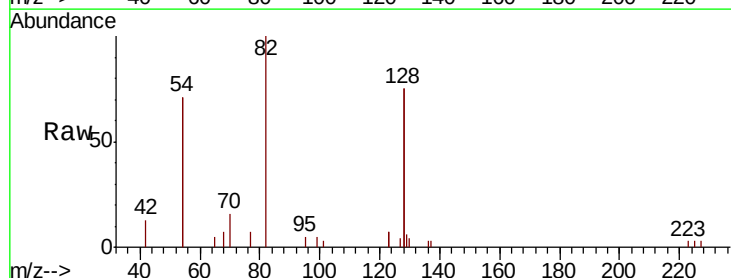
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

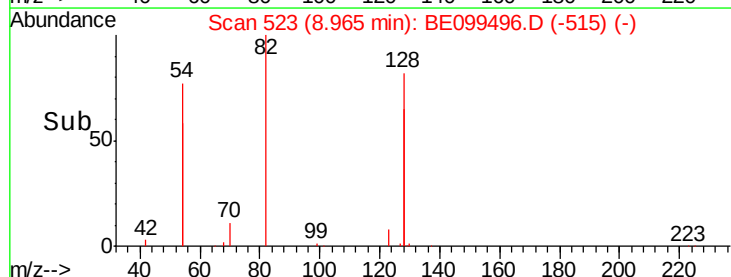
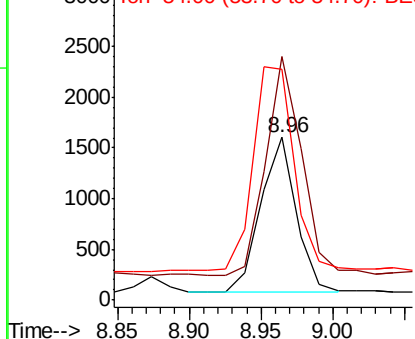
Lab File: BE099496.D

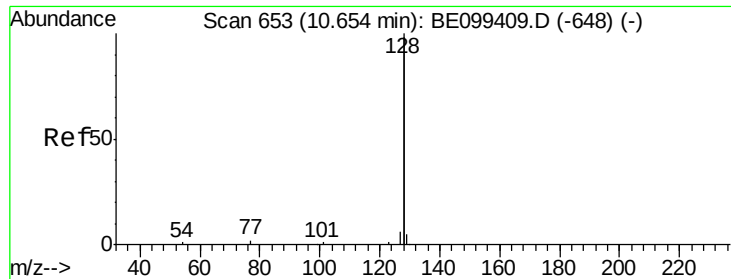
Acq: 2 May 2019 16:54

Tgt Ion	Ratio	Lower	Upper
82	100		
128	149.7	107.0	160.4
54	141.7	113.1	169.7



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.379 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Instrument :

BNA_E

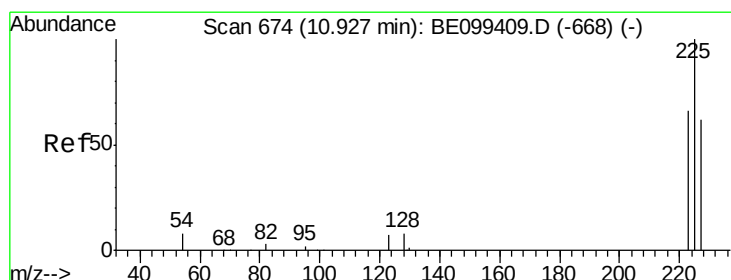
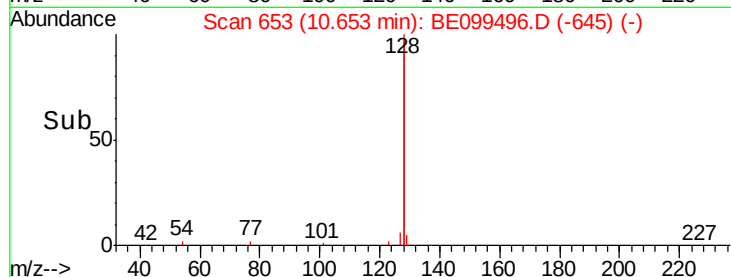
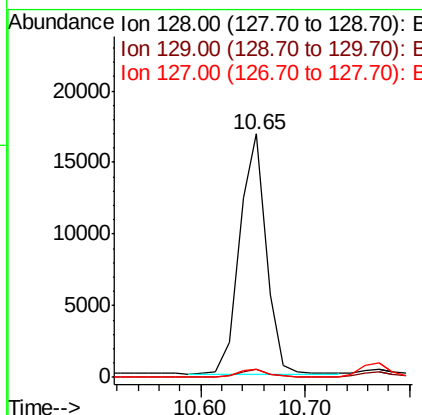
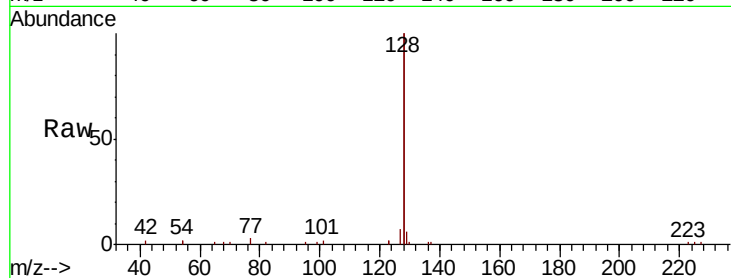
ClientSampleId :

PST-001-B194-042519MSD

Tgt Ion:	128	Resp:	29412
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.4	3.6
127	3.5	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.349 ng

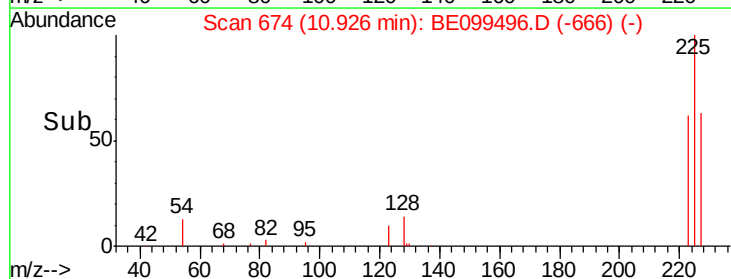
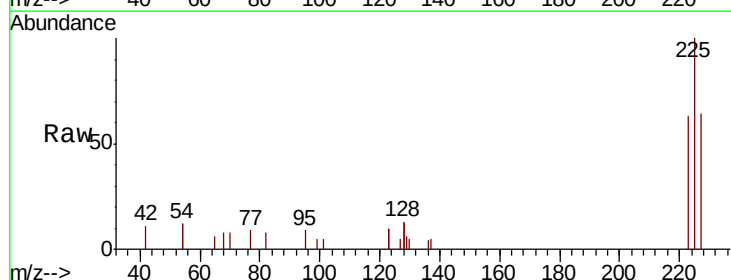
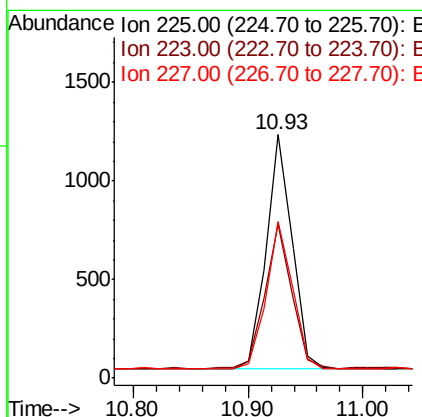
RT: 10.93 min Scan# 674

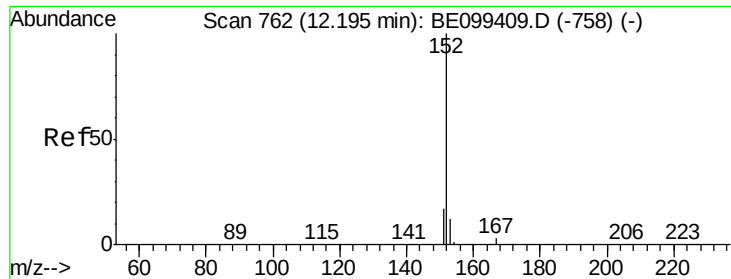
Delta R.T. -0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Tgt Ion:	225	Resp:	1885
Ion Ratio	Lower	Upper	
225	100		
223	64.6	51.0	76.6
227	63.2	50.9	76.3





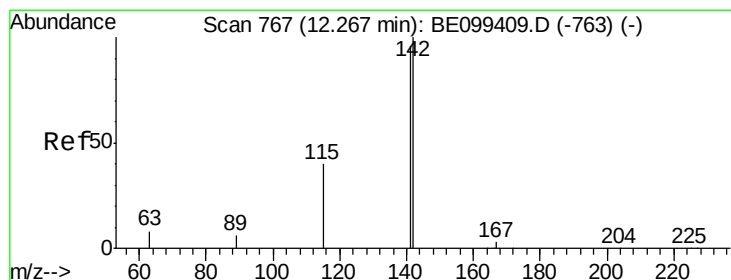
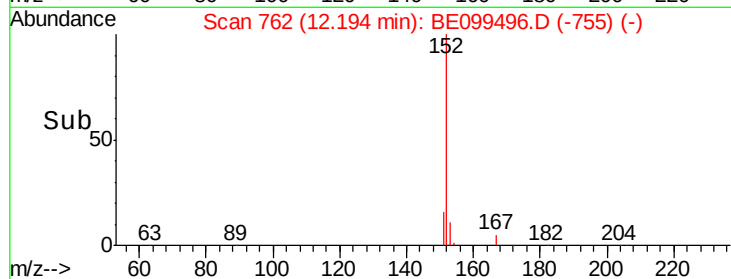
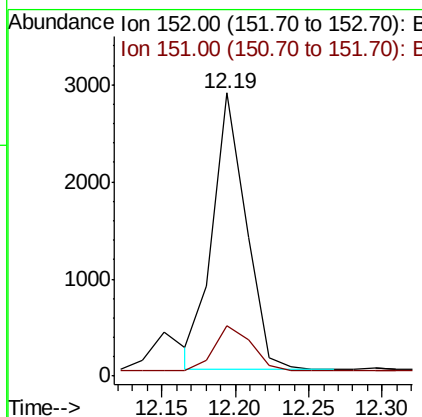
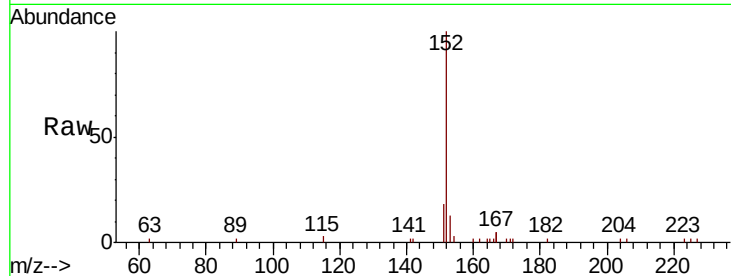
#11
 2-Methylnaphthalene-d10
 Concen: 0.353 ng m
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099496.D
 Acq: 2 May 2019 16:54

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B194-042519MSD

Tgt Ion:152 Resp: 4539
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.5 23.3

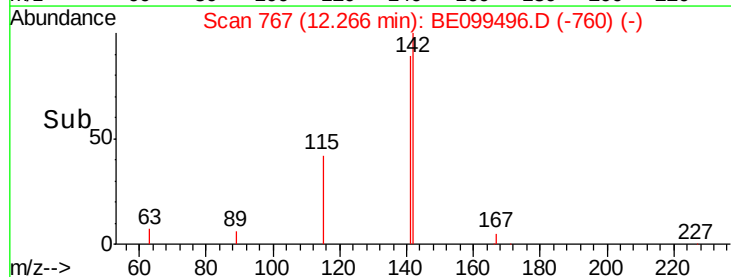
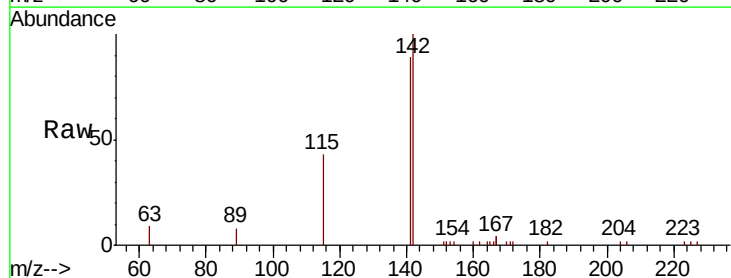
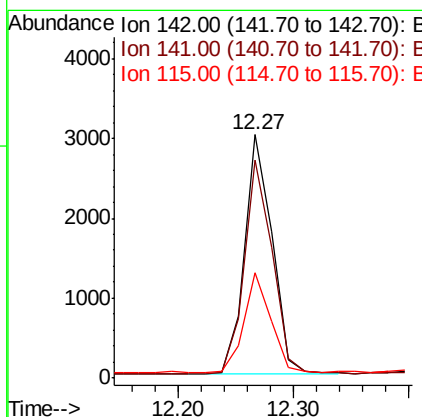
Manual Integrations
 APPROVED

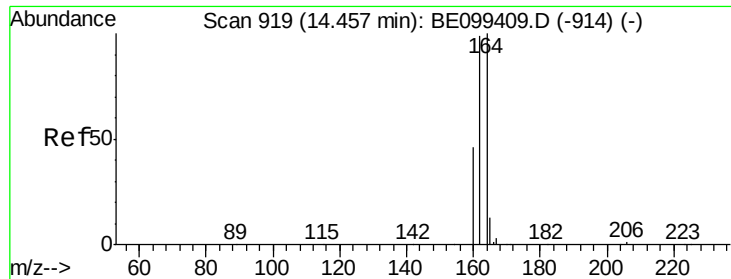
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#12
 2-Methylnaphthalene
 Concen: 0.367 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099496.D
 Acq: 2 May 2019 16:54

Tgt Ion:142 Resp: 4962
 Ion Ratio Lower Upper
 142 100
 141 89.3 77.0 115.4
 115 43.5 33.4 50.0





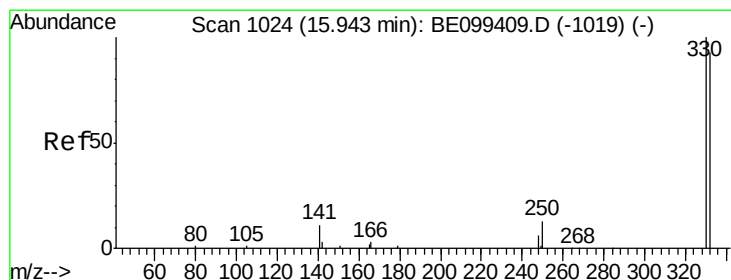
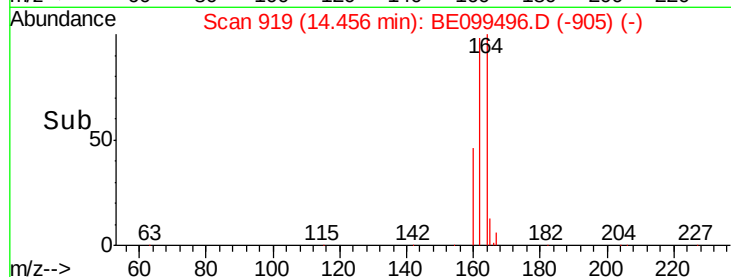
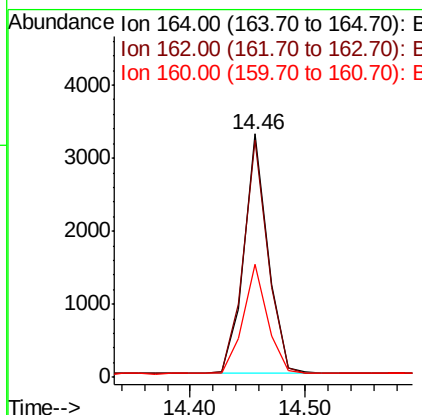
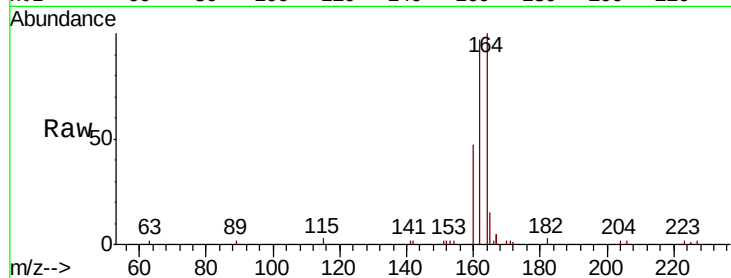
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.0	118.4
160	46.6	37.0	55.4

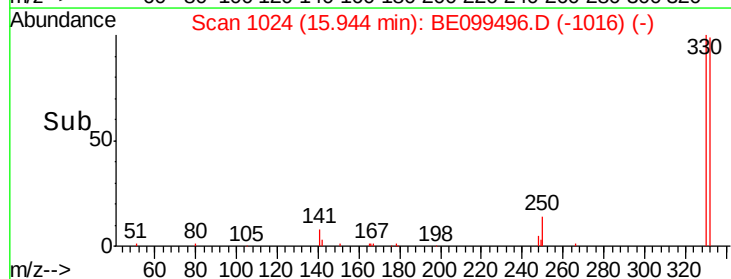
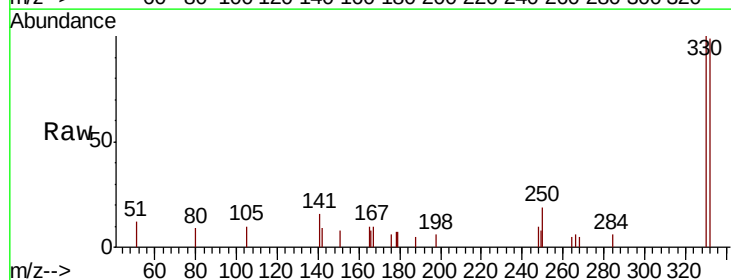
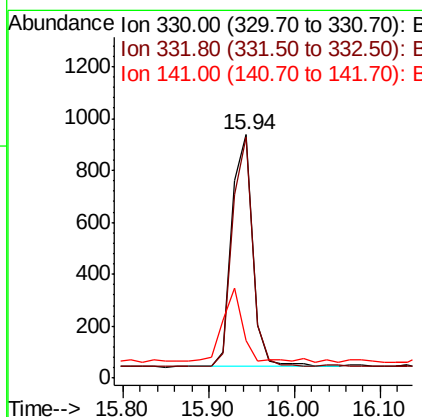
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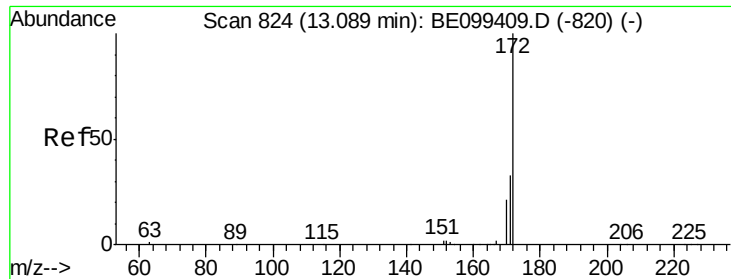
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.506 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	71.5	107.3
141	30.1	24.0	36.0





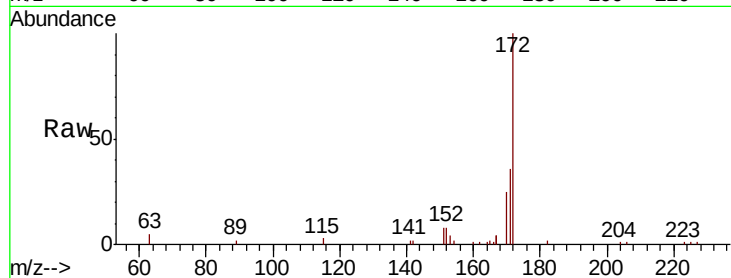
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.6	39.8
170	25.4	17.0	25.6

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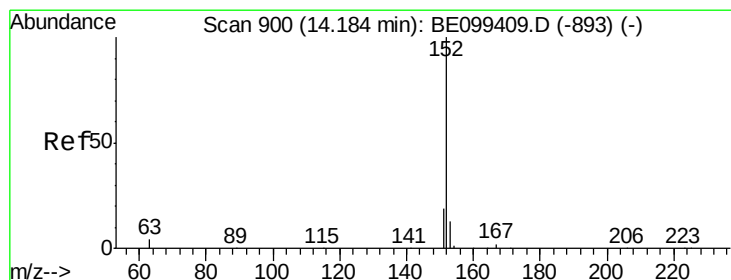
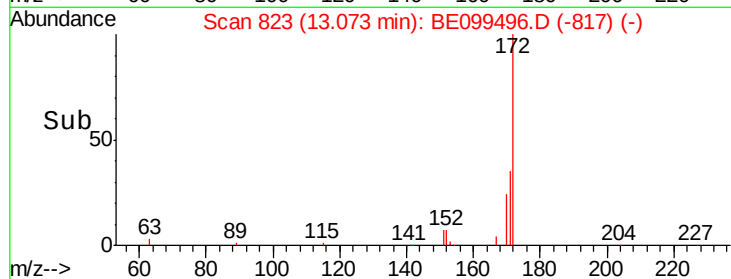
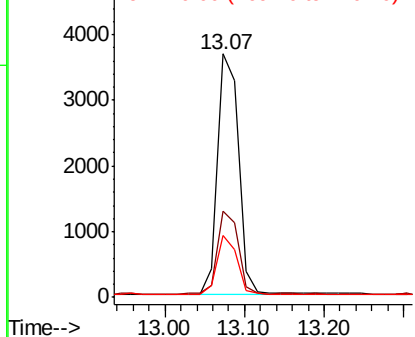


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.388 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

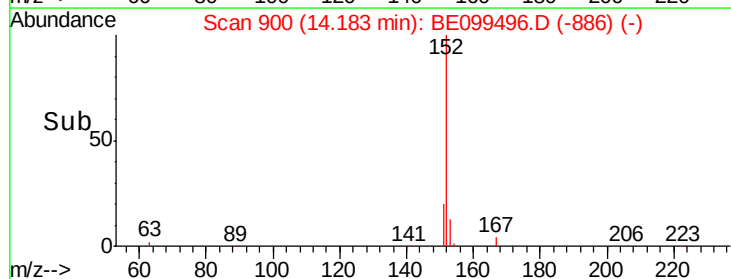
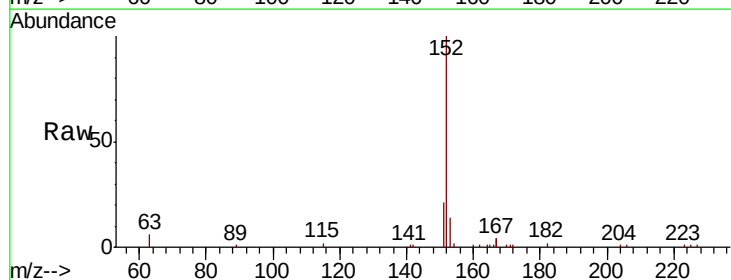
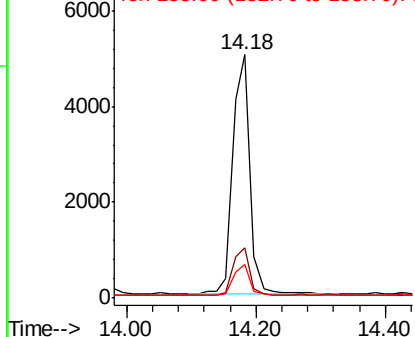
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2
153	12.7	9.8	14.6

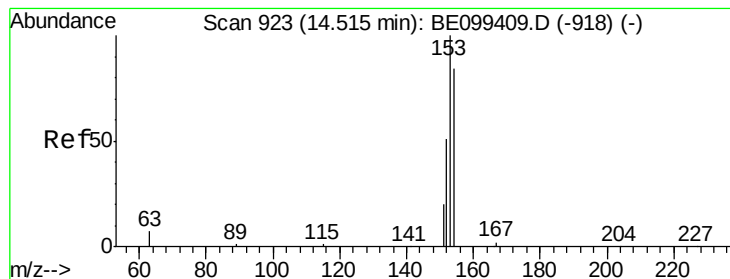
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Instrument :

BNA_E

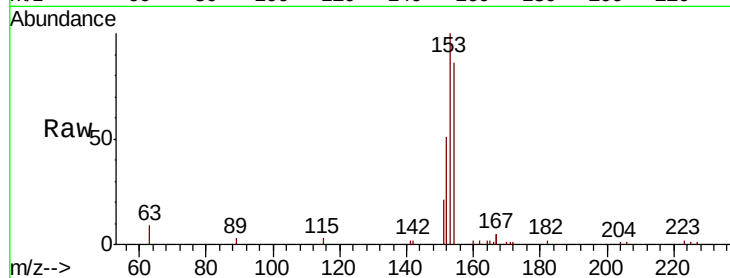
ClientSampleId :

PST-001-B194-042519MSD

Tgt Ion:	154	Resp:	5177
Ion	Ratio	Lower	Upper
154	100		
153	113.0	92.6	138.8
152	56.0	45.8	68.8

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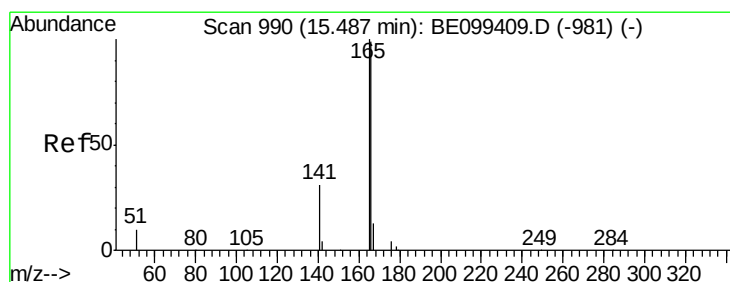
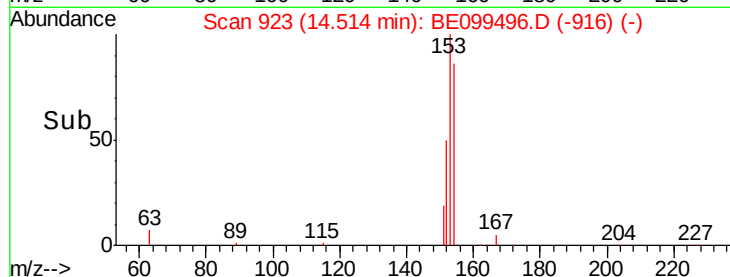
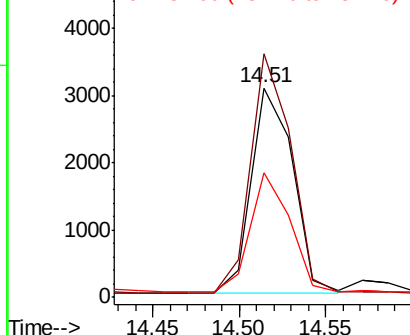


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.383 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

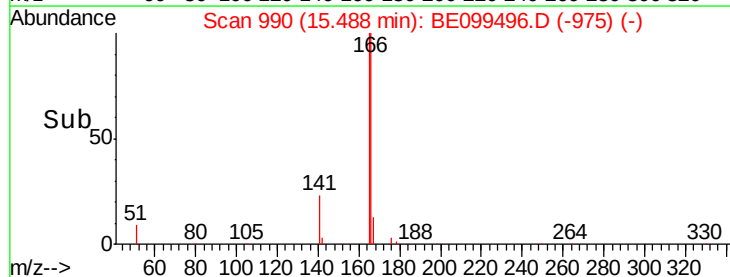
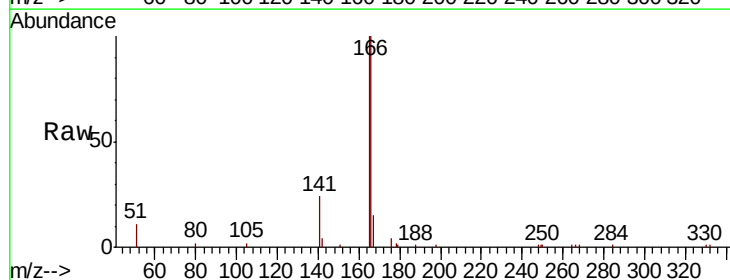
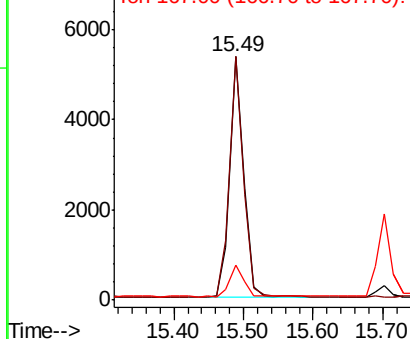
Tgt Ion:	166	Resp:	7498
Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.3	120.5
167	13.5	10.7	16.1

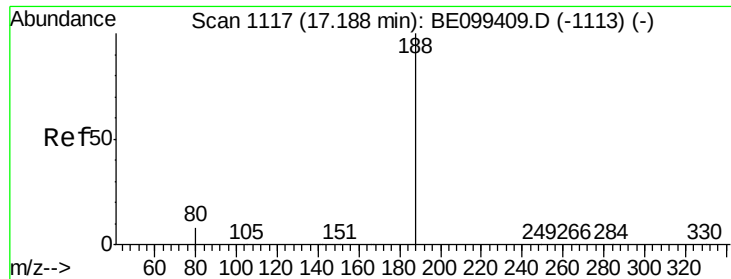
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Instrument :

BNA_E

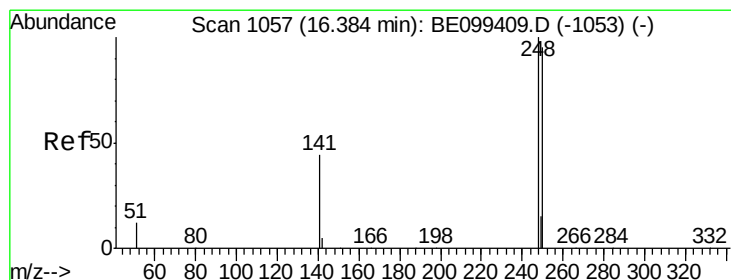
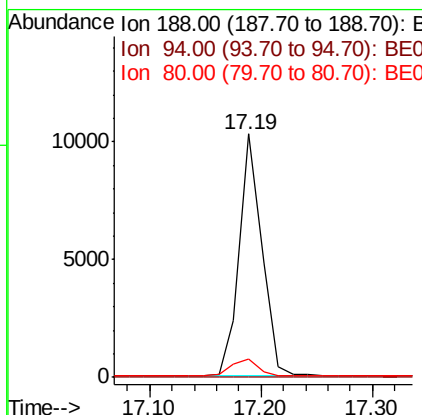
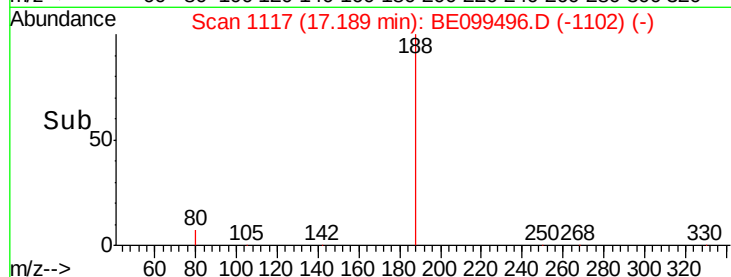
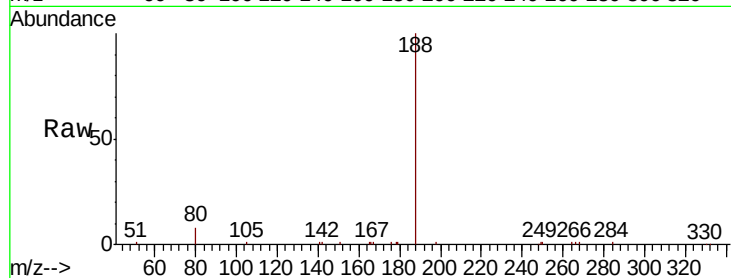
ClientSampleId :

PST-001-B194-042519MSD

Tgt Ion:	188	Resp:	14564
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.6	6.7	10.1

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#20

4-Bromophenyl-phenylether

Concen: 0.379 ng

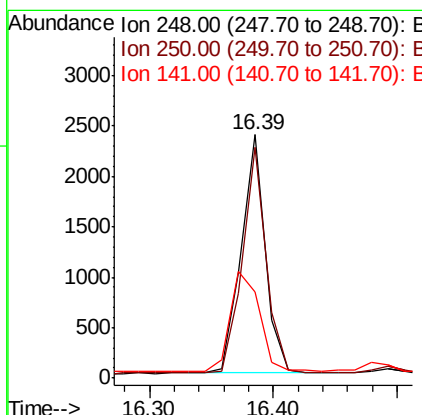
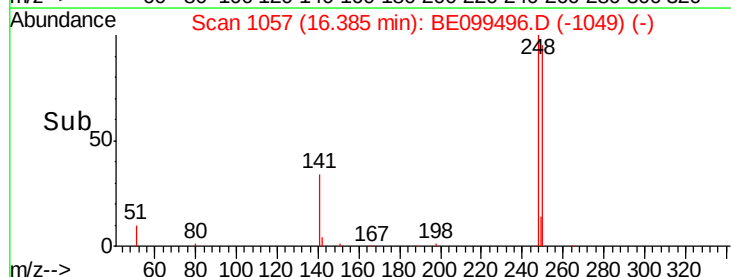
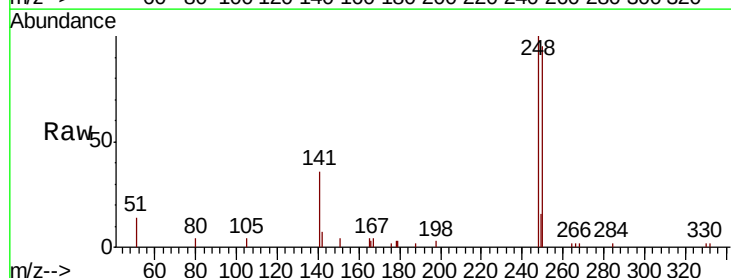
RT: 16.39 min Scan# 1057

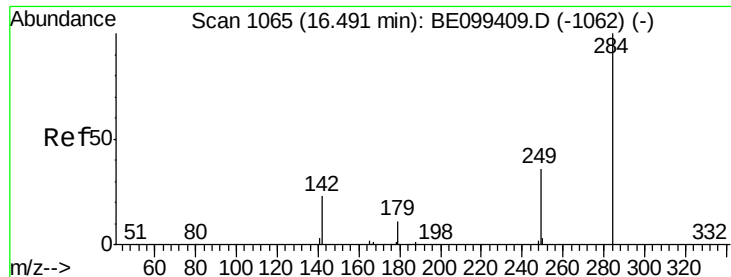
Delta R.T. 0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Tgt Ion:	248	Resp:	3215
Ion Ratio	Lower	Upper	
248	100		
250	94.8	75.8	113.8
141	35.7	35.7	53.5#





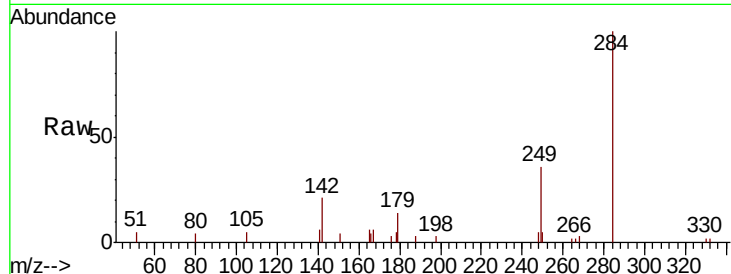
#21
Hexachlorobenzene
Concen: 0.366 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

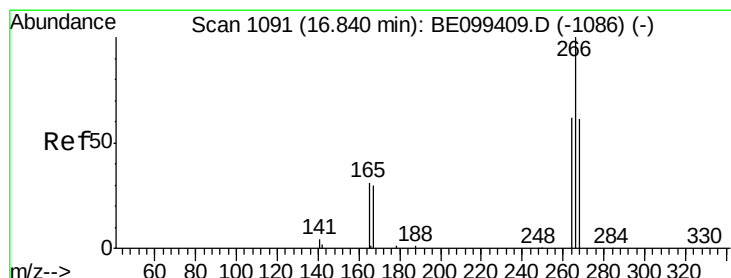
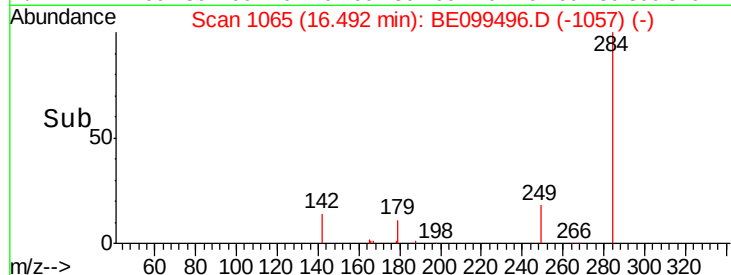
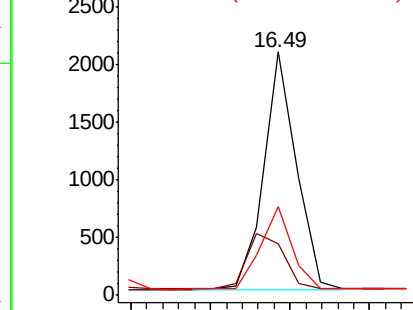
Tgt Ion:	284	Resp:	2955
Ion Ratio	Lower	Upper	
284	100		
142	26.7	21.0	31.6
249	33.8	26.7	40.1

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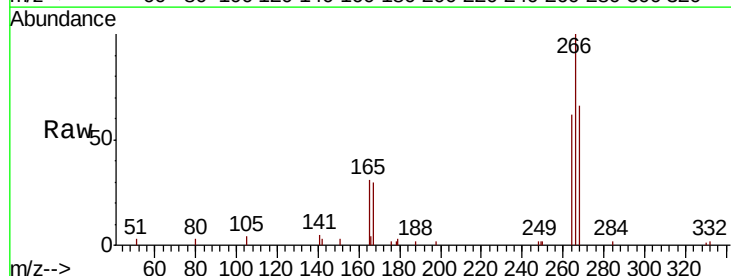


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

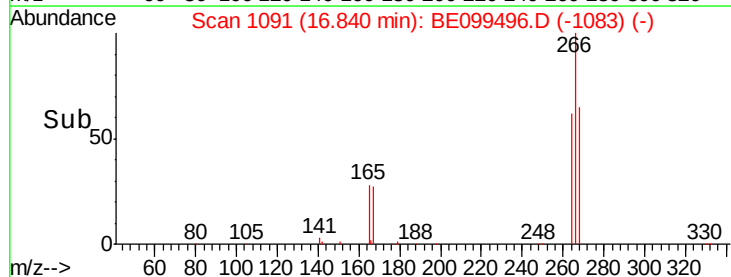
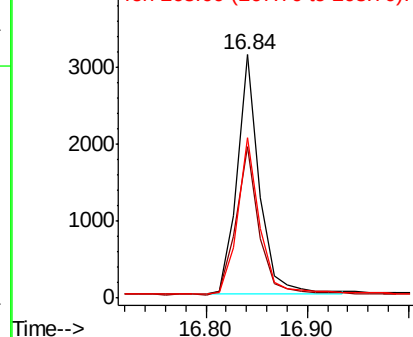


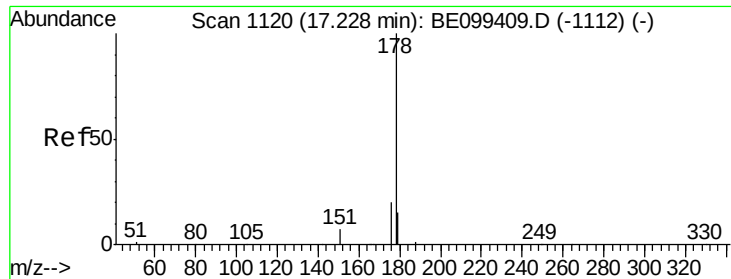
#22
Pentachlorophenol
Concen: 1.195 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Tgt Ion:	266	Resp:	4764
Ion Ratio	Lower	Upper	
266	100		
264	62.3	50.8	76.2
268	65.9	50.5	75.7



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.479 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Instrument :

BNA_E

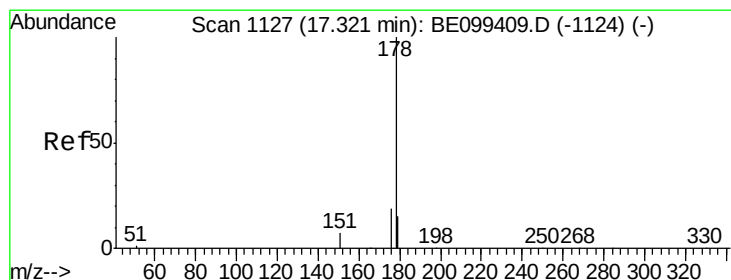
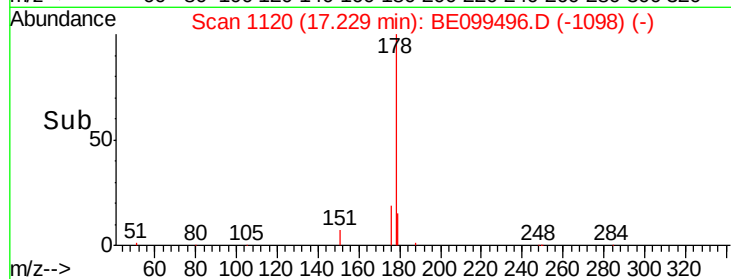
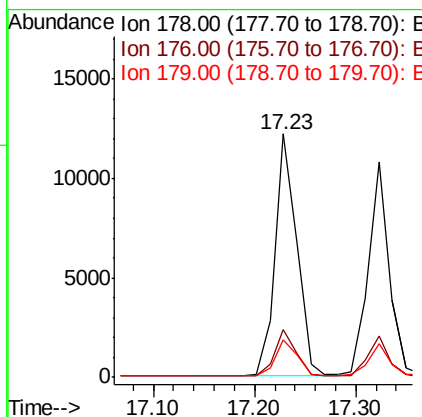
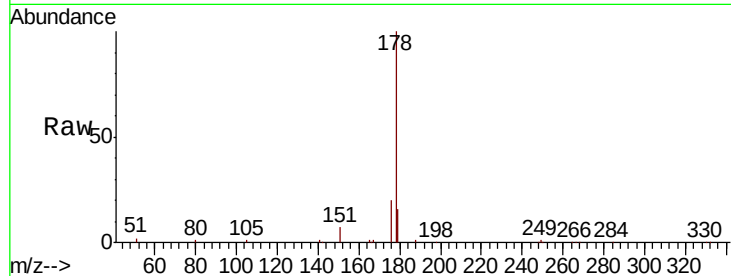
ClientSampleId :

PST-001-B194-042519MSD

Tgt Ion:	178	Resp:	18008
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.6	23.4
179	15.6	12.0	18.0

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#24

Anthracene

Concen: 0.429 ng

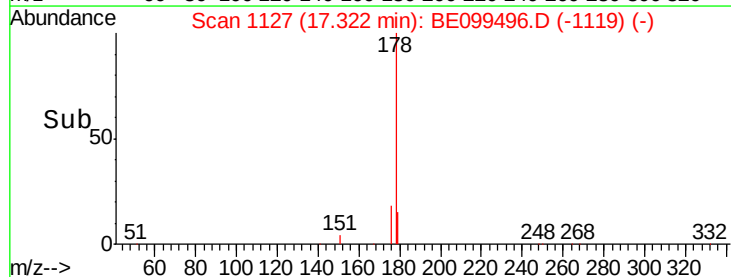
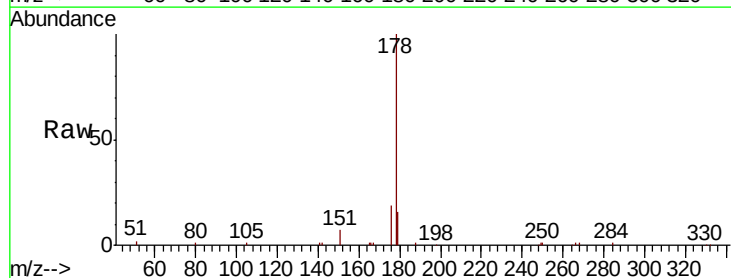
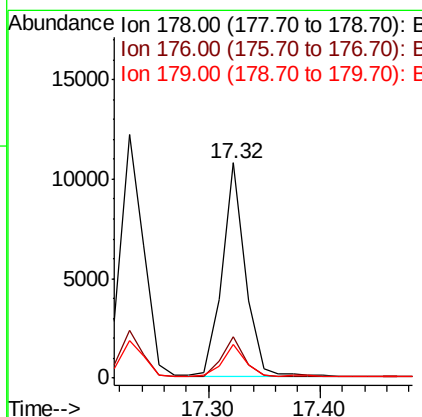
RT: 17.32 min Scan# 1127

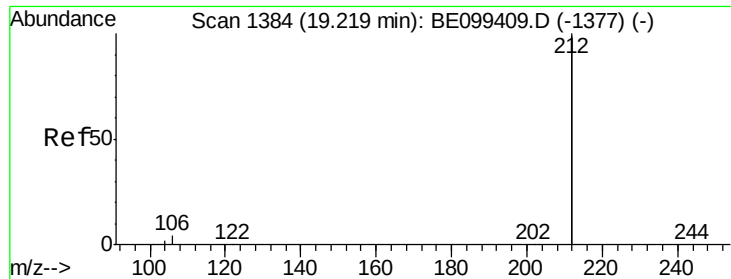
Delta R.T. 0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Tgt Ion:	178	Resp:	15384
Ion Ratio	Lower	Upper	
178	100		
176	18.6	14.9	22.3
179	14.8	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.415 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Instrument :

BNA_E

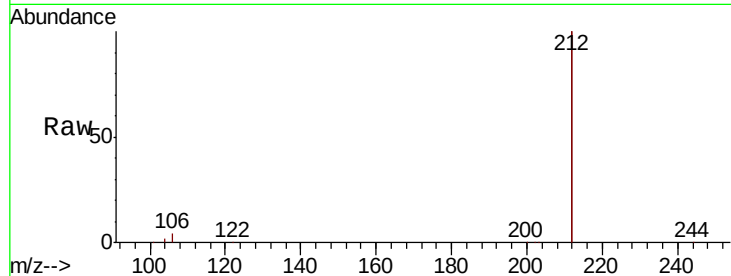
ClientSampleId :

PST-001-B194-042519MSD

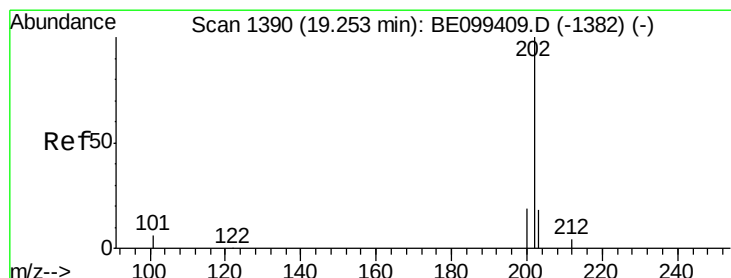
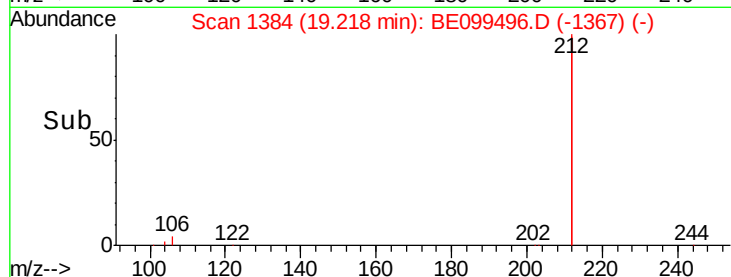
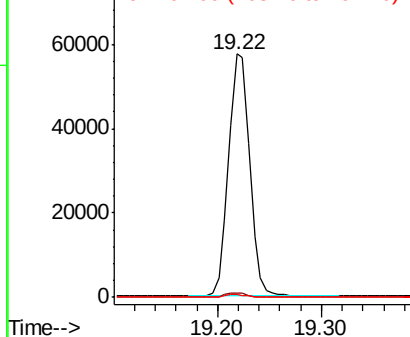
Tgt Ion:	212	Resp:	81543
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.605 ng

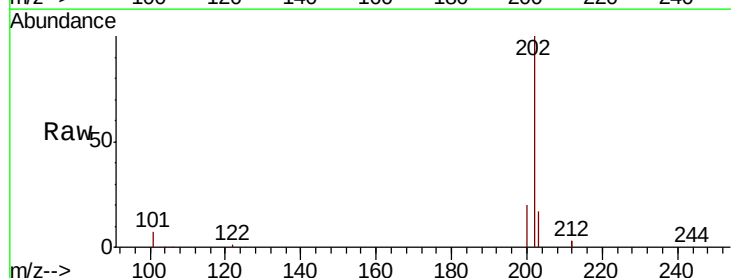
RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

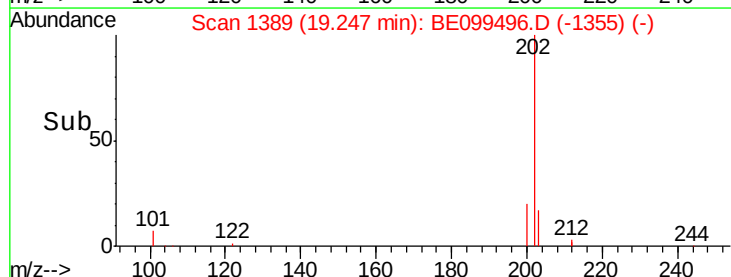
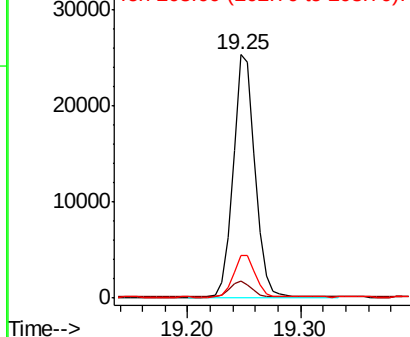
Lab File: BE099496.D

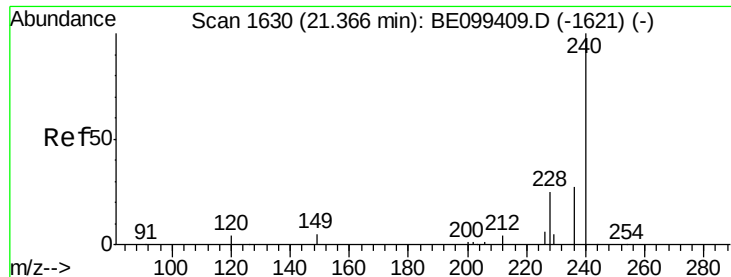
Acq: 2 May 2019 16:54

Tgt Ion:	202	Resp:	34082
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.4	8.0
203	17.2	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





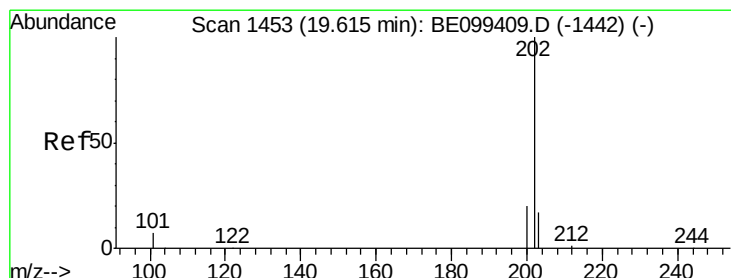
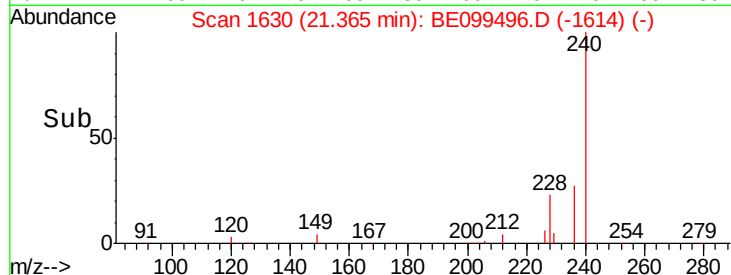
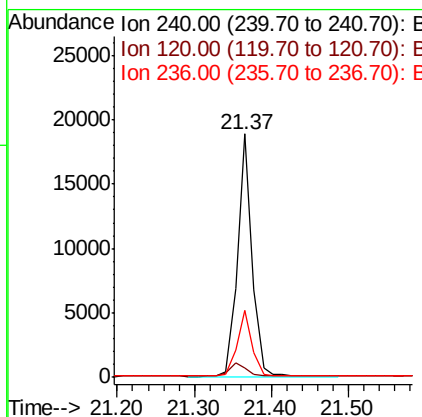
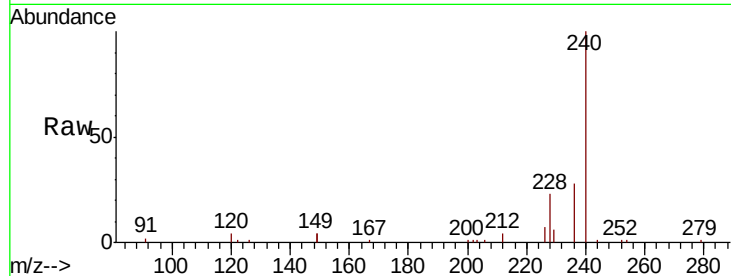
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

Tgt Ion: 240 Resp: 24641
Ion Ratio Lower Upper
240 100
120 3.9 4.0 6.0#
236 27.5 22.0 33.0

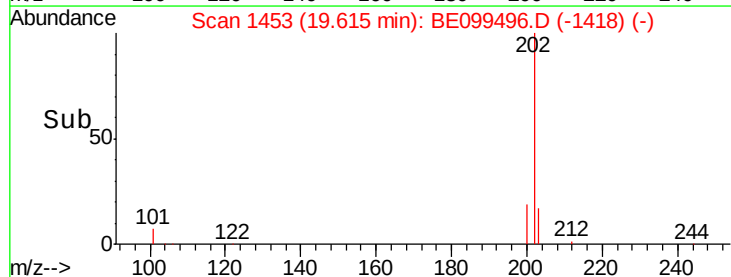
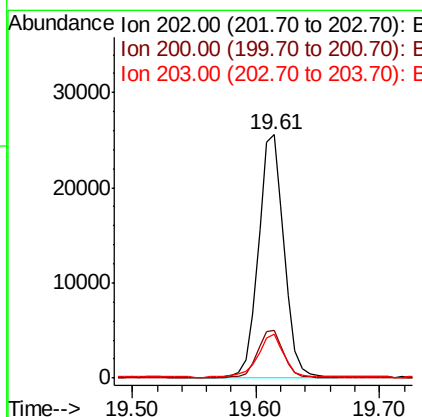
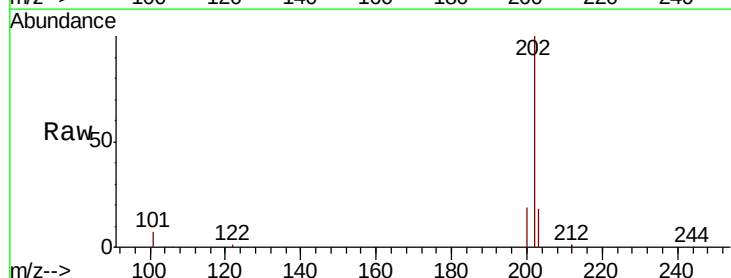
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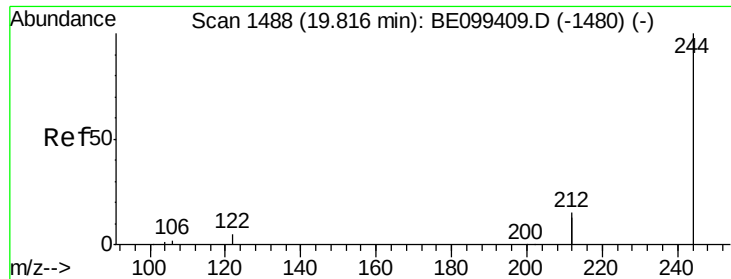
Sohil
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#28
Pyrene
Concen: 0.568 ng
RT: 19.61 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Tgt Ion: 202 Resp: 36505
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 18.2 13.9 20.9





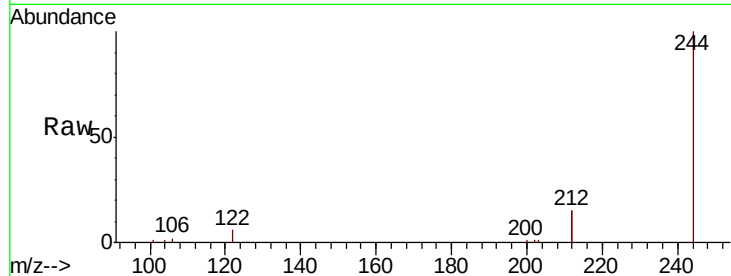
#29
 Terphenyl-d14
 Concen: 0.399 ng
 RT: 19.82 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BE099496.D
 Acq: 2 May 2019 16:54

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B194-042519MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.5	23.2	34.8
122	6.2	4.2	6.4

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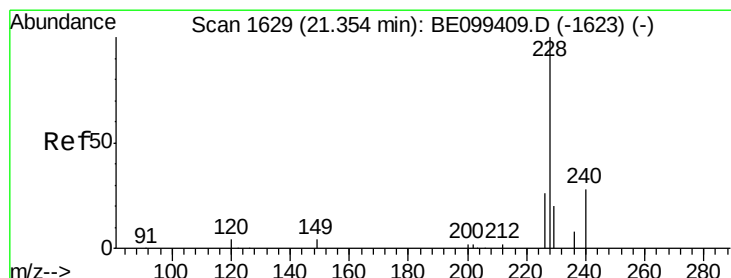
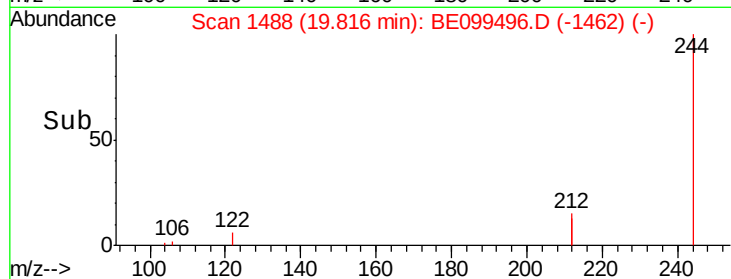
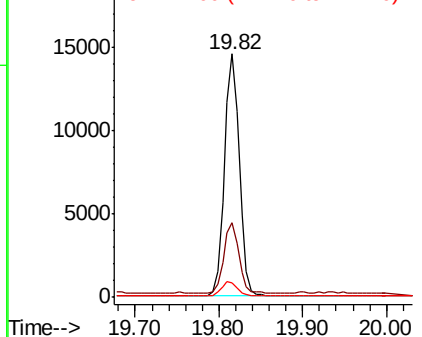


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30
 Benzo(a)anthracene
 Concen: 0.546 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE099496.D
 Acq: 2 May 2019 16:54

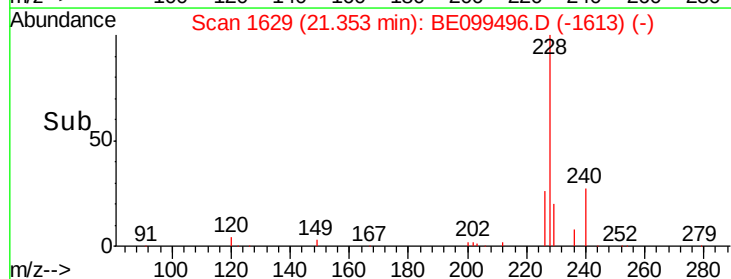
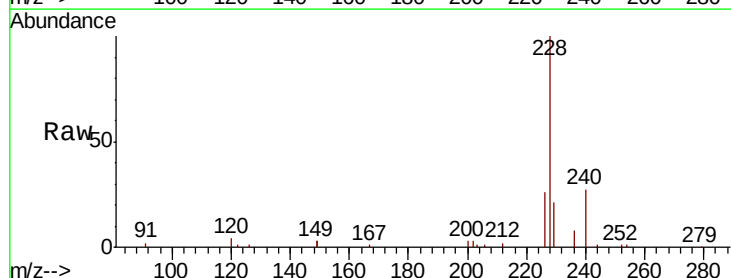
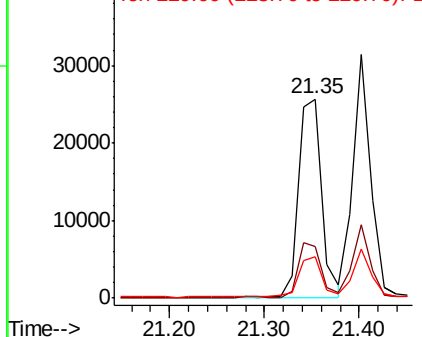
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.6
229	20.8	16.6	25.0

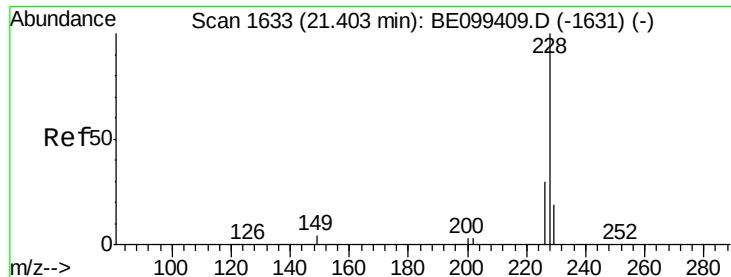
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.528 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Instrument :

BNA_E

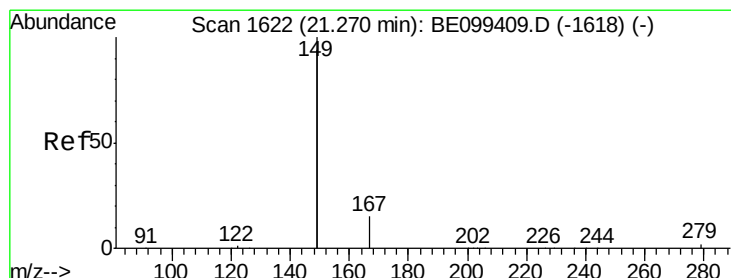
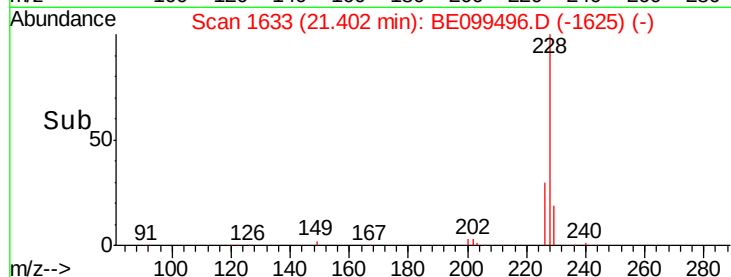
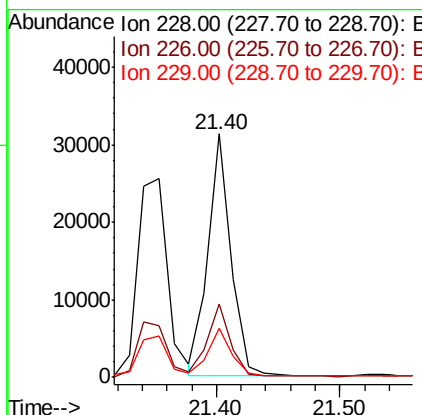
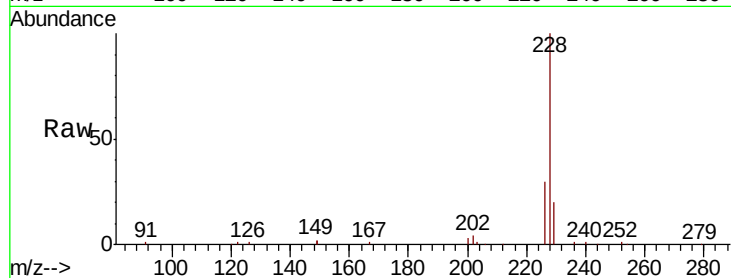
ClientSampleId :

PST-001-B194-042519MSD

Tgt Ion:	228	Resp:	40566
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.0	36.0
229	20.1	15.8	23.8

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.495 ng

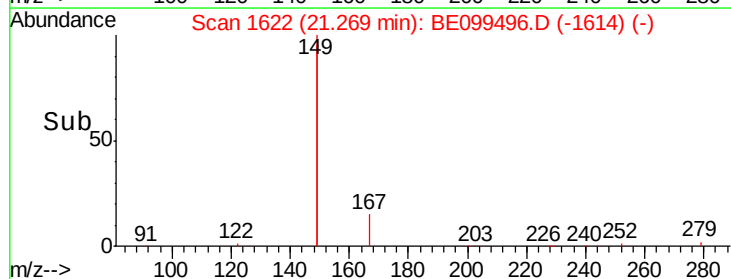
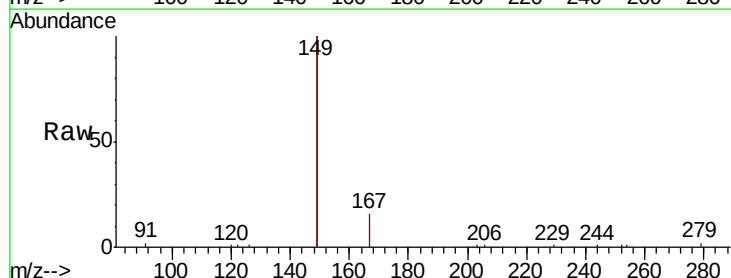
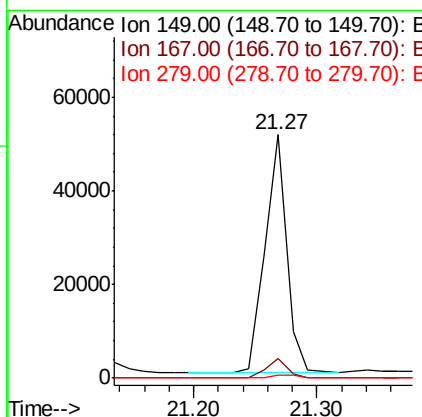
RT: 21.27 min Scan# 1622

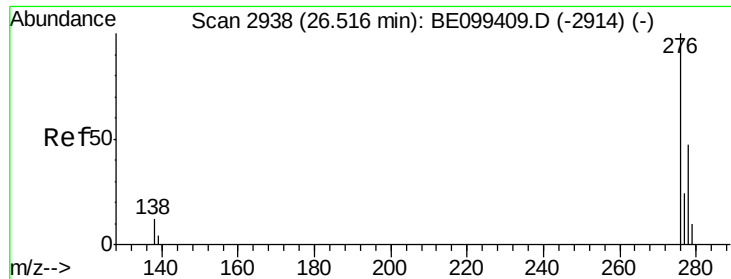
Delta R.T. -0.00 min

Lab File: BE099496.D

Acq: 2 May 2019 16:54

Tgt Ion:	149	Resp:	62780
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.8	8.6
279	1.4	1.0	1.6





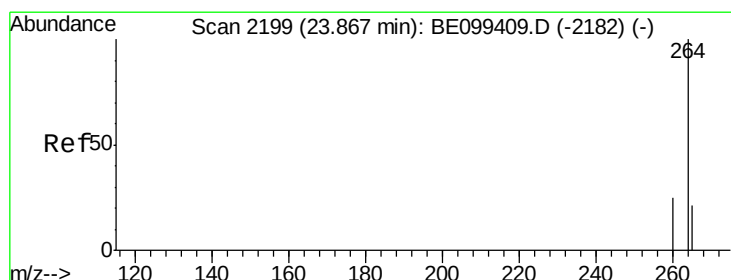
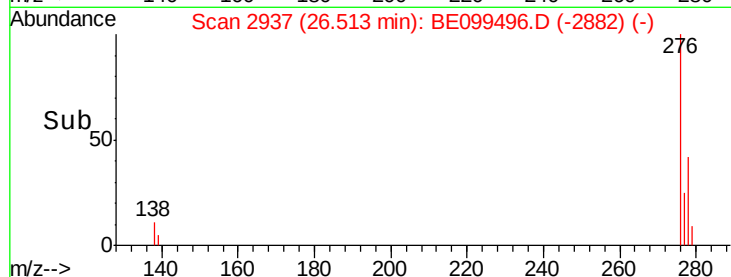
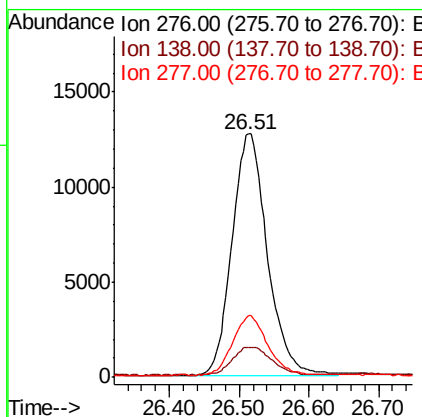
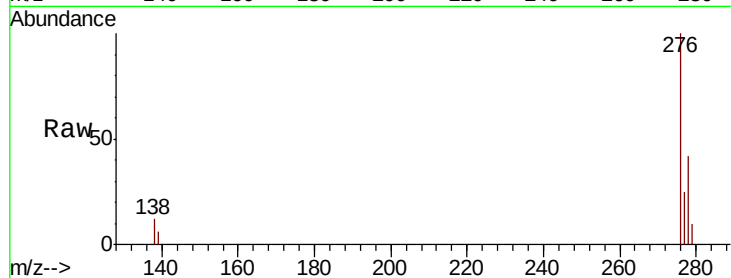
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.492 ng
 RT: 26.51 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: BE099496.D
 Acq: 2 May 2019 16:54

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B194-042519MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	44661		
138	5.5	10.2	15.2	
277	24.2	19.2	28.8	

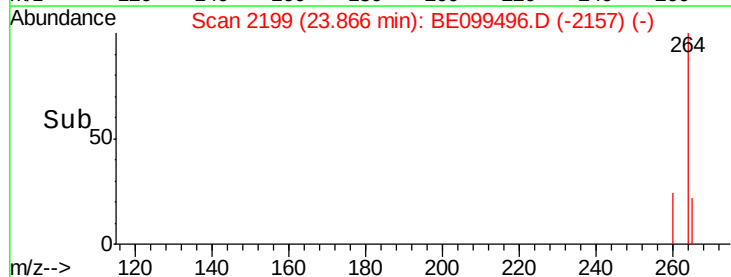
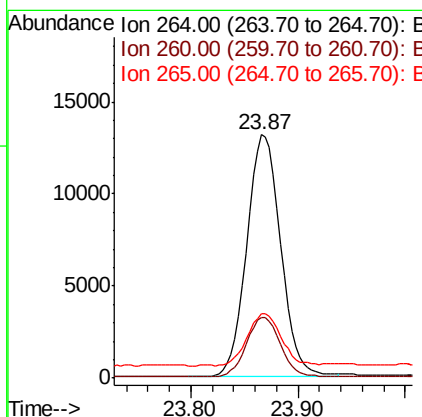
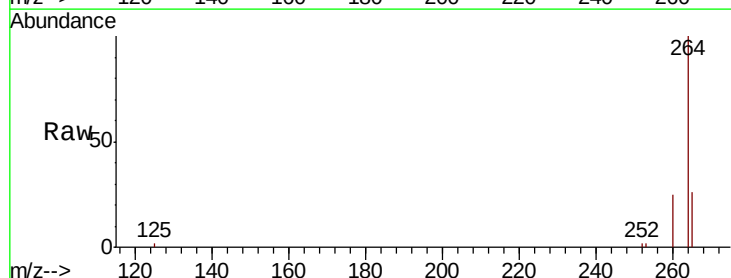
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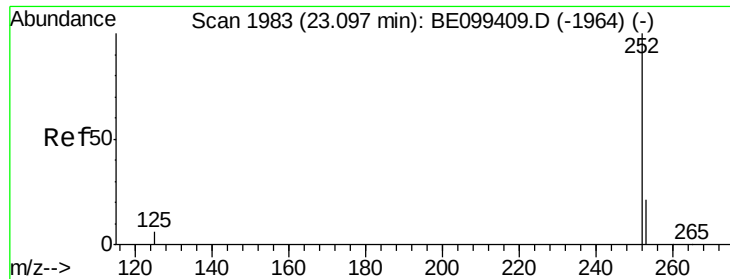
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BE099496.D
 Acq: 2 May 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	28685		
260	24.7	20.2	30.2	
265	26.5	21.3	31.9	





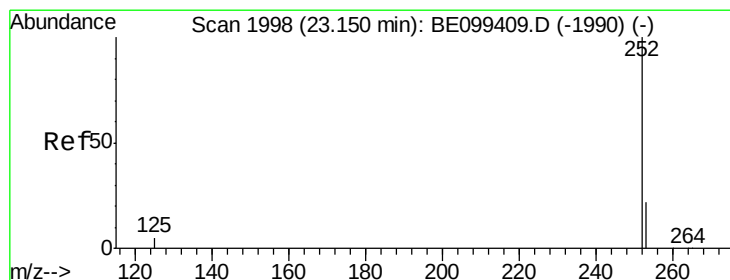
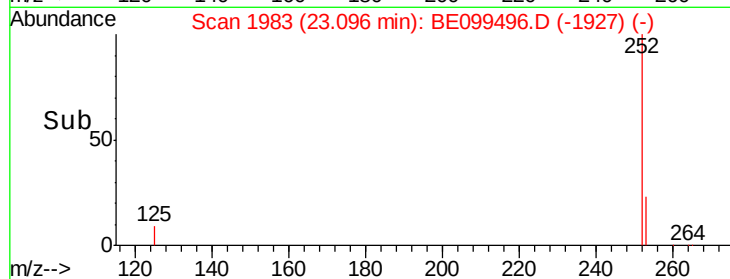
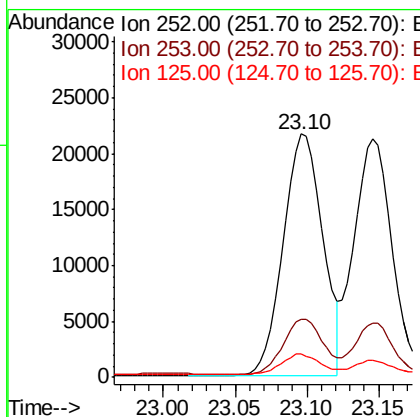
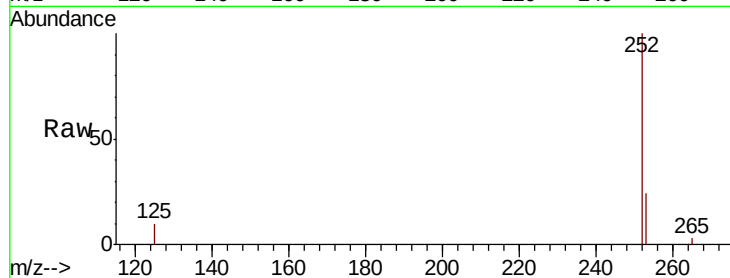
#35
Benzo(b)fluoranthene
Concen: 0.502 ng m
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	9.9	5.6	8.4

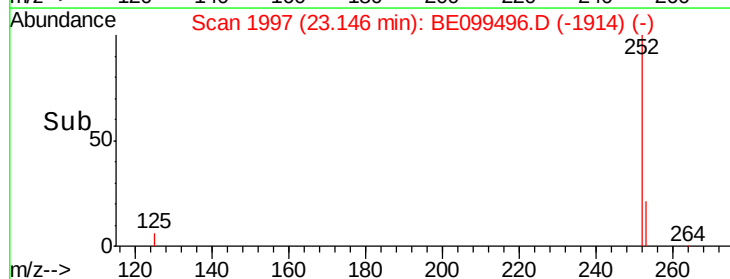
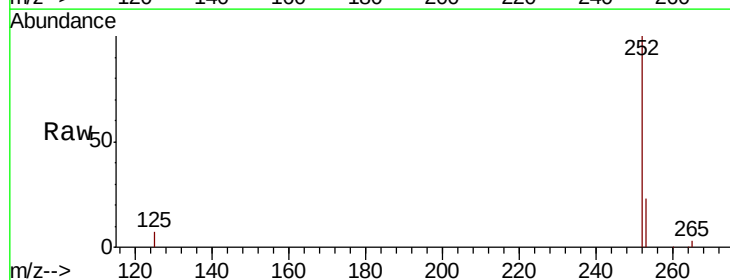
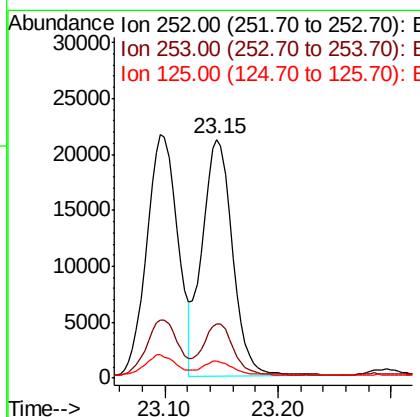
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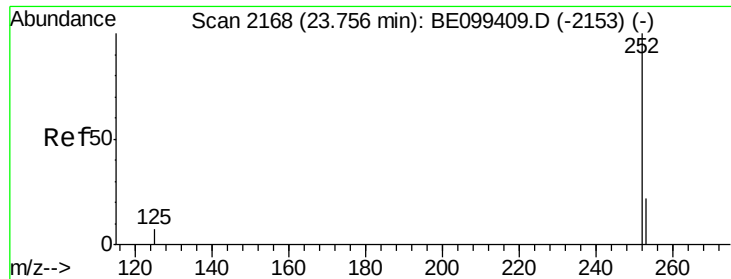
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#36
Benzo(k)fluoranthene
Concen: 0.496 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	7.0	5.0	7.4





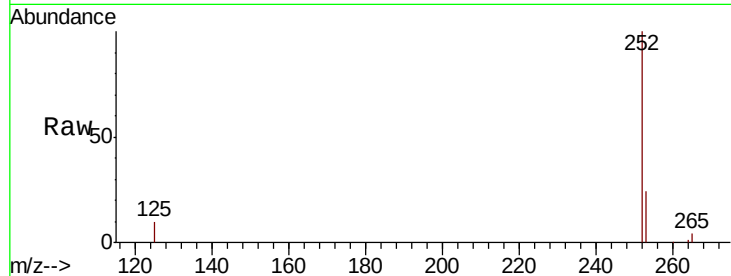
#37
Benzo(a)pyrene
Concen: 0.509 ng
RT: 23.76 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	10.5	6.7	10.1

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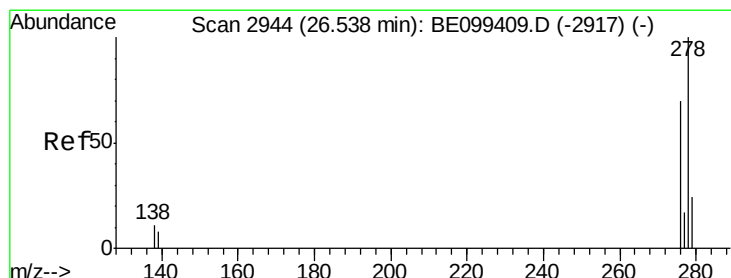
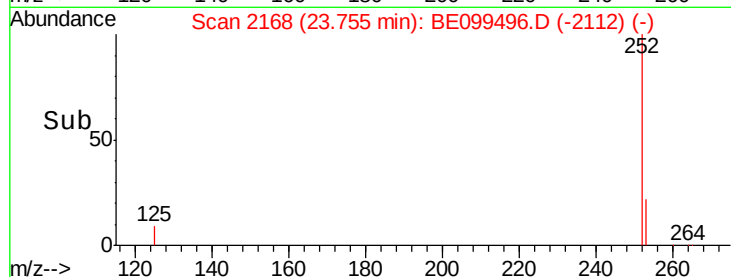
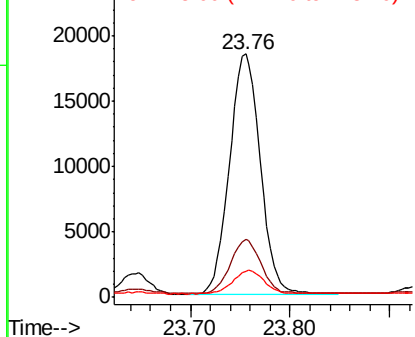


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.433 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BE099496.D
Acq: 2 May 2019 16:54

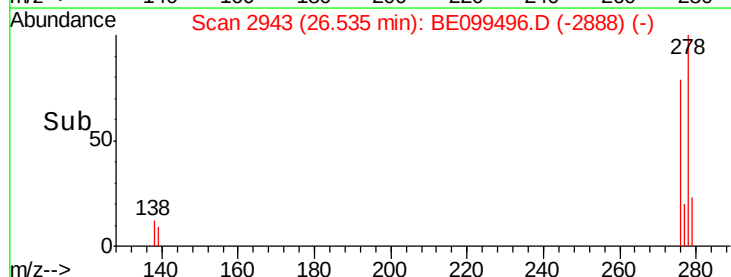
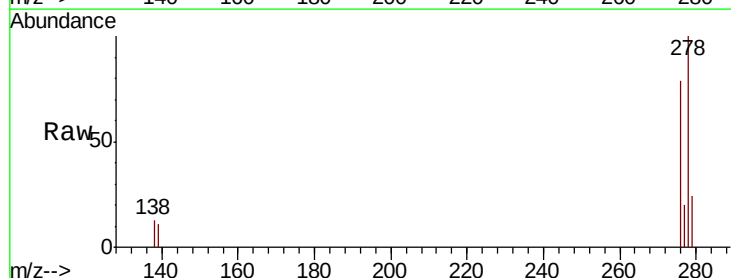
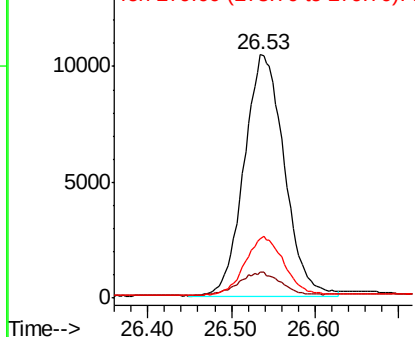
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.8	7.7	11.5
279	24.2	20.2	30.2

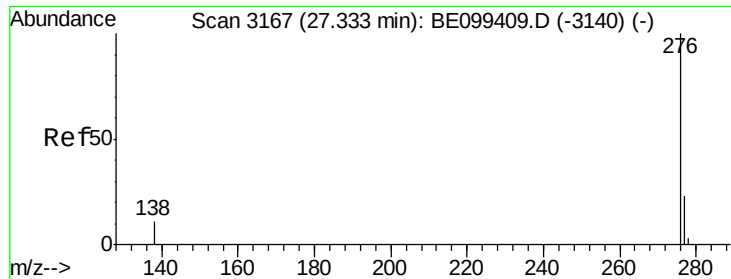
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.472 ng

RT: 27.33 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BE099496.D

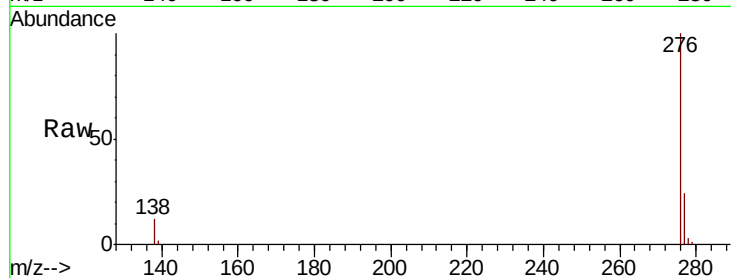
Acq: 2 May 2019 16:54

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MSD



Tgt Ion: 276 Resp: 37808

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

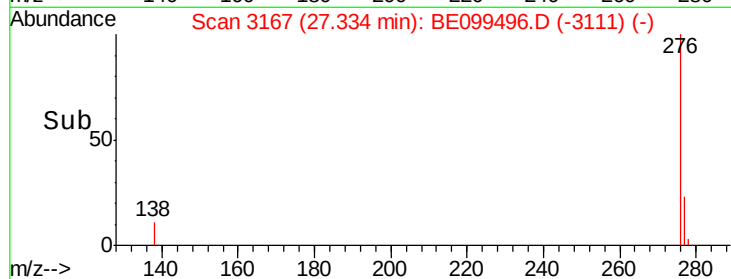
138 12.1 9.6 14.4

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

