

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
 Data File : BE099495.D
 Acq On : 2 May 2019 16:18
 Operator : JU/SJ
 Sample : K2588-10MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:23:10 PM

Quant Time: May 03 04:51:23 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	2096	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7123	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	4896	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	15824	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24844	0.40	ng	0.00
34) Perylene-d12	23.87	264	28845	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	2330	0.40	ng	0.00
5) Phenol-d6	6.96	99	3326	0.43	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2688	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4535m	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1632	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	6896	0.37	ng	-0.01
25) Fluoranthene-d10	19.22	212	85785	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	18773	0.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	813	0.282	ng	# 55
3) n-Nitrosodimethylamine	3.62	42	748	0.430	ng	# 98
6) bis(2-Chloroethyl)ether	7.23	93	2363	0.355	ng	97
9) Naphthalene	10.65	128	29264	0.377	ng	99
10) Hexachlorobutadiene	10.93	225	1885	0.349	ng	97
12) 2-Methylnaphthalene	12.27	142	5039	0.373	ng	97
16) Acenaphthylene	14.18	152	9396	0.392	ng	98
17) Acenaphthene	14.51	154	5341	0.390	ng	98
18) Fluorene	15.49	166	8132	0.403	ng	96
20) 4-Bromophenyl-phenylether	16.39	248	3442	0.374	ng	96
21) Hexachlorobenzene	16.49	284	3121	0.355	ng	99
22) Pentachlorophenol	16.84	266	5136	1.188	ng	99
23) Phenanthrene	17.23	178	18973	0.465	ng	99
24) Anthracene	17.32	178	16772	0.431	ng	99
26) Fluoranthene	19.25	202	36150	0.591	ng	100
28) Pyrene	19.61	202	38462	0.594	ng	99
30) Benzo(a)anthracene	21.35	228	43387	0.548	ng	99
31) Chrysene	21.40	228	40254	0.520	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	61902	0.483	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	43941	0.480	ng	99
35) Benzo(b)fluoranthene	23.10	252	41029	0.493	ng	98
36) Benzo(k)fluoranthene	23.15	252	39502	0.493	ng	99
37) Benzo(a)pyrene	23.76	252	39167	0.498	ng	99
38) Dibenzo(a,h)anthracene	26.54	278	34425	0.428	ng	99
39) Benzo(g,h,i)perylene	27.33	276	37509	0.465	ng	99

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

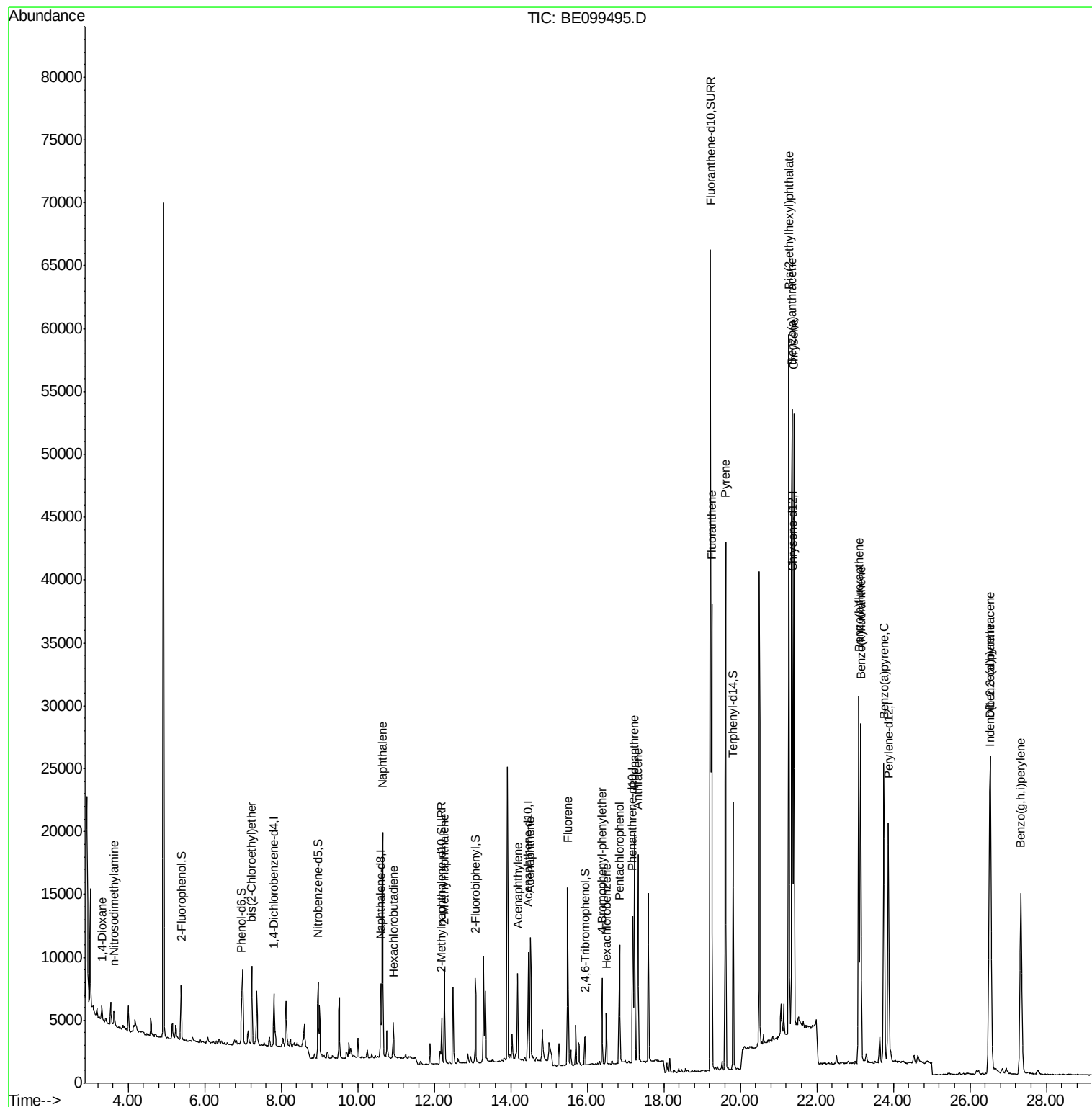
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
Data File : BE099495.D
Acq On : 2 May 2019 16:18
Operator : JU/SJ
Sample : K2588-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

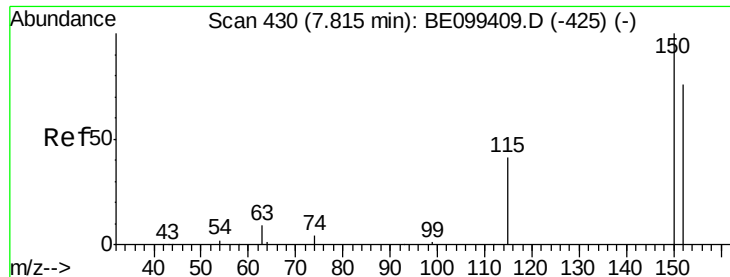
Instrument :
BNA_E
ClientSampleId :
PST-001-B194-042519MS

Manual Integrations
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5/3/2019 4:23:10 PM

Quant Time: May 03 04:51:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

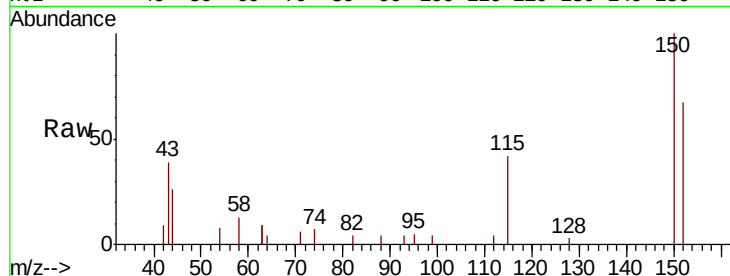
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.2	104.8	157.2
115	63.6	46.6	69.8

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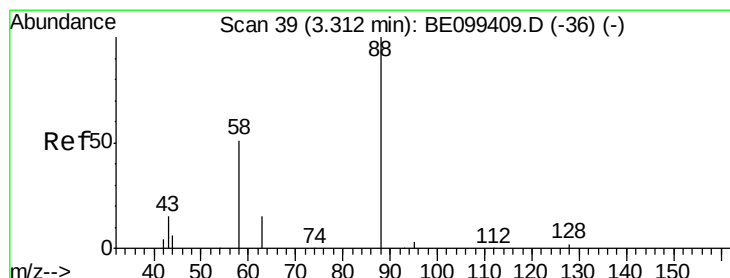
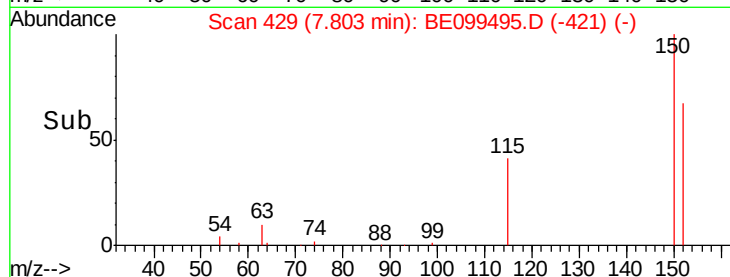
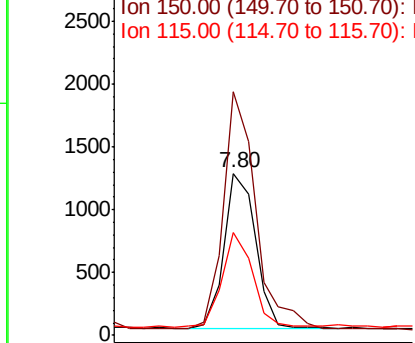


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

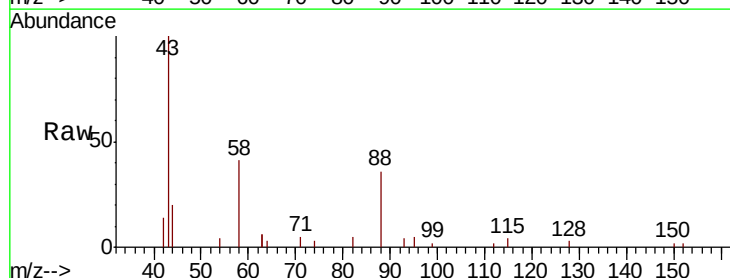
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.282 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	51.0	76.6
43	101.1	20.6	30.8

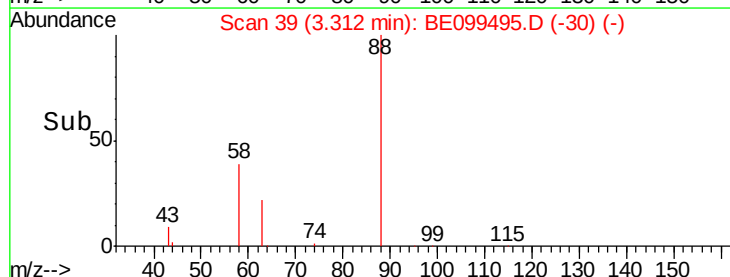
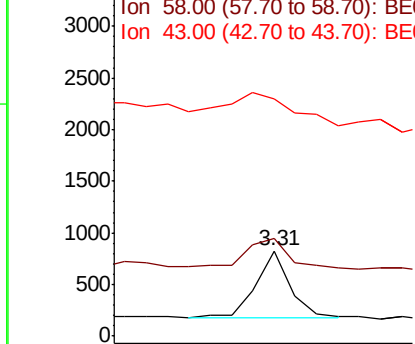


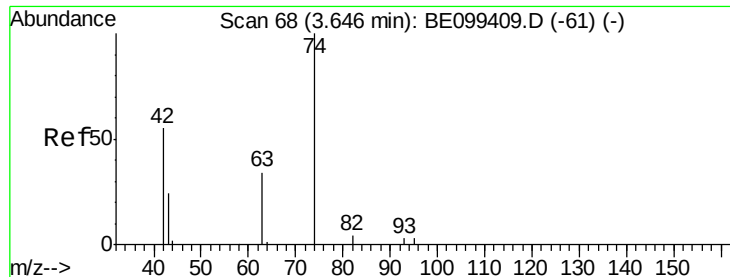
Abundance

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: 0.430 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

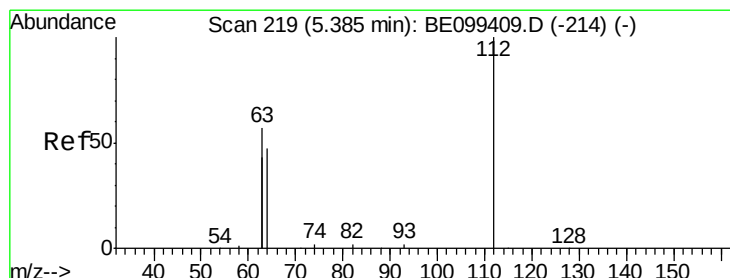
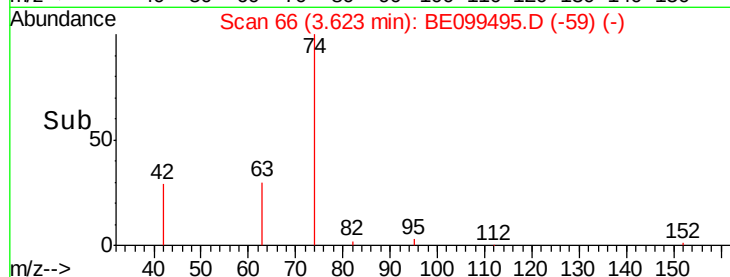
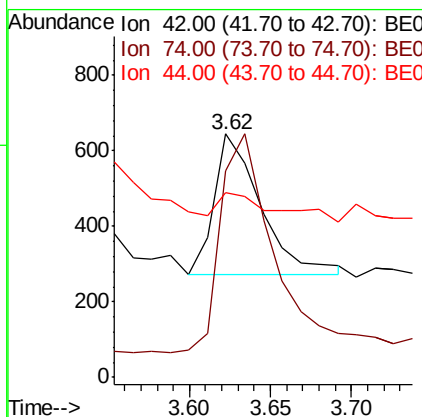
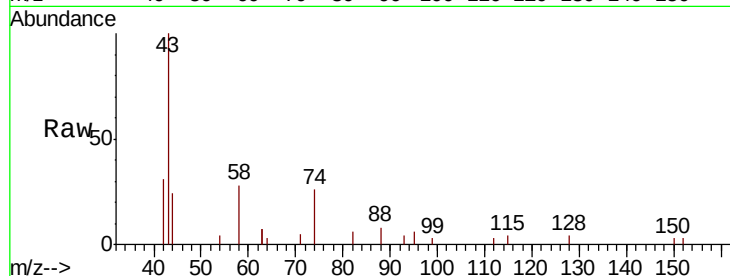
ClientSampleId :

PST-001-B194-042519MS

Tgt Ion:	42	Resp:	748
Ion	Ratio	Lower	Upper
42	100		
74	174.3	141.6	212.4
44	25.3	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.402 ng

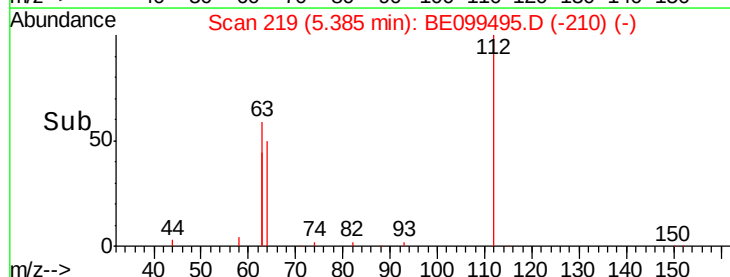
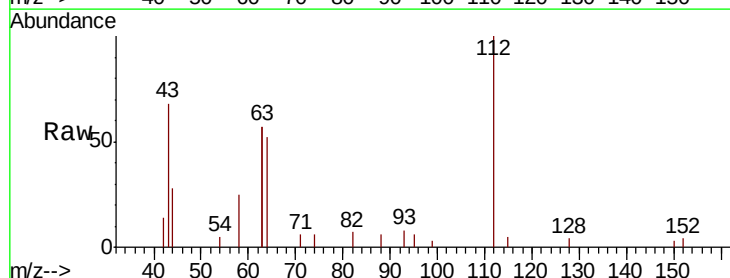
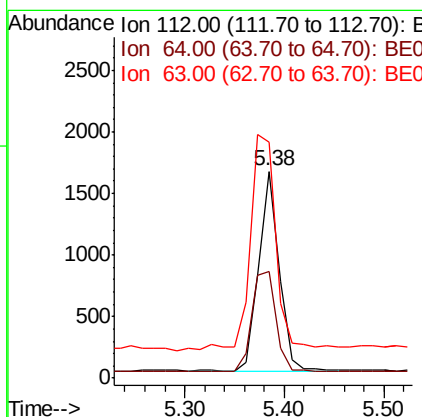
RT: 5.38 min Scan# 219

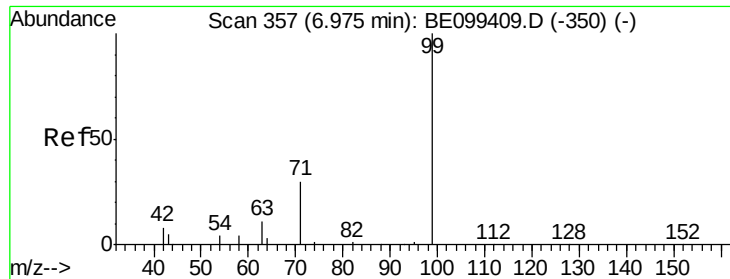
Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Tgt Ion:	112	Resp:	2330
Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.4	71.0
63	132.6	104.3	156.5





#5

Phenol-d6

Concen: 0.431 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

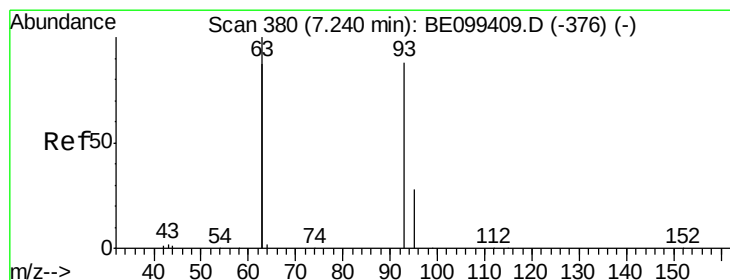
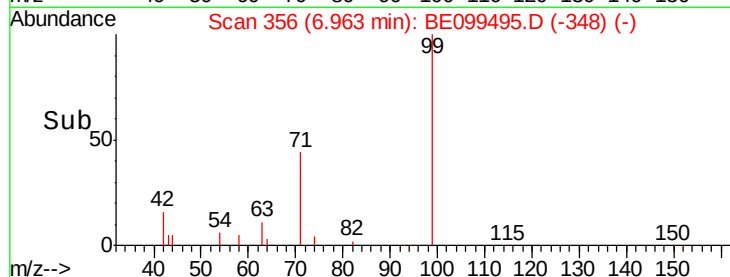
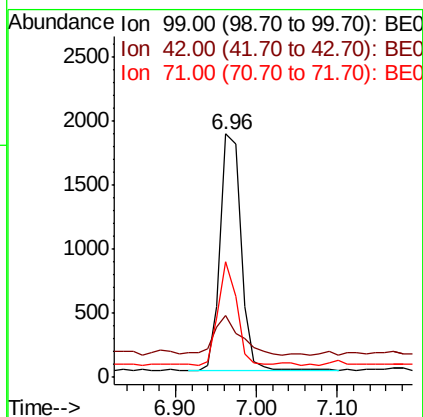
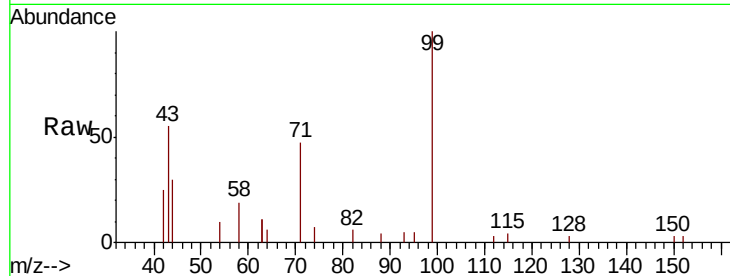
ClientSampleId :

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Tgt Ion:	99	Resp:	3326
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.9	22.3
71	38.9	33.0	49.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.355 ng

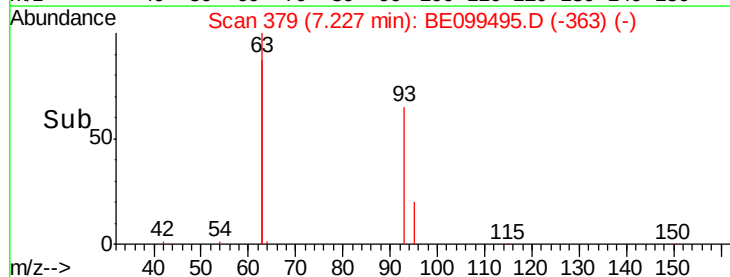
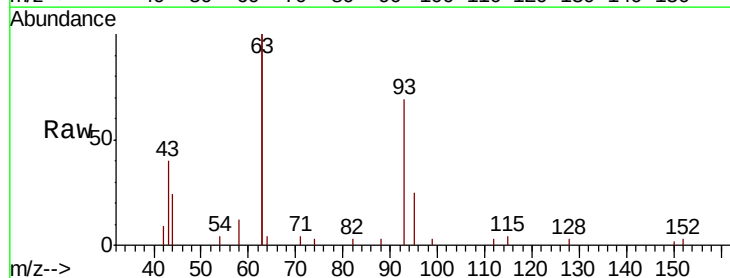
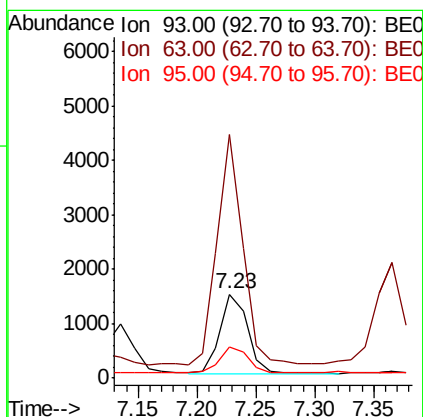
RT: 7.23 min Scan# 379

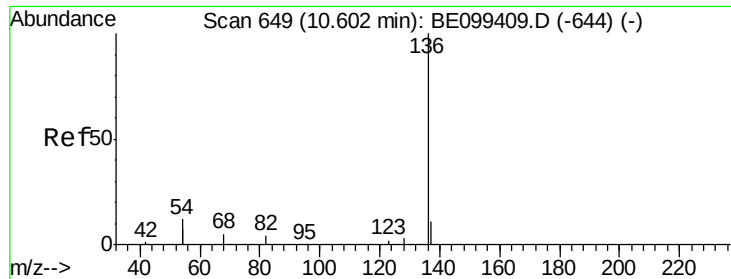
Delta R.T. -0.01 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Tgt Ion:	93	Resp:	2363
Ion	Ratio	Lower	Upper
93	100		
63	264.4	215.6	323.4
95	37.2	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: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

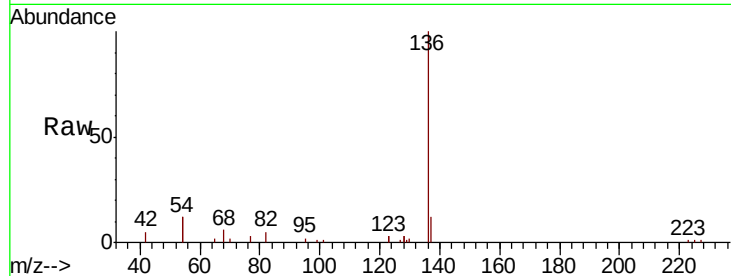
ClientSampleId :

PST-001-B194-042519MS

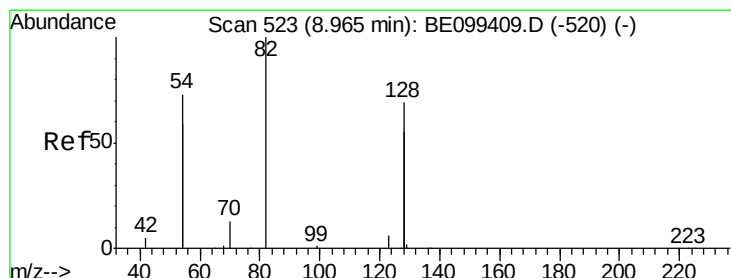
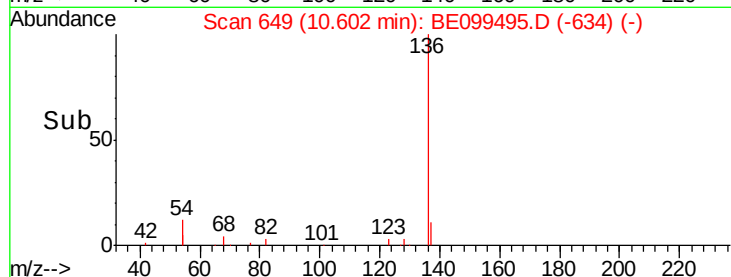
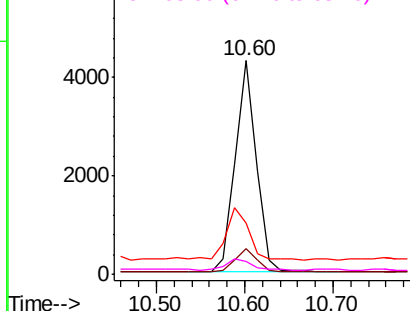
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	7123		
137	11.9	9.8	14.8	
54	23.9	18.5	27.7	
68	6.3	4.7	7.1	

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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: 0.403 ng

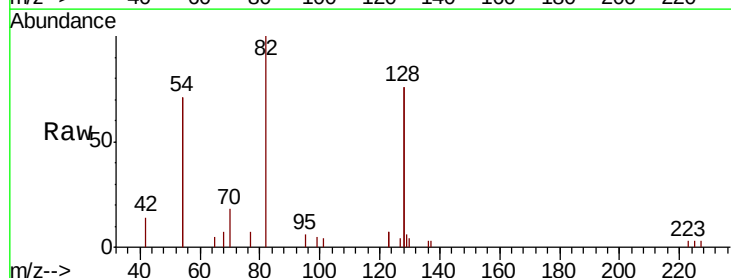
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

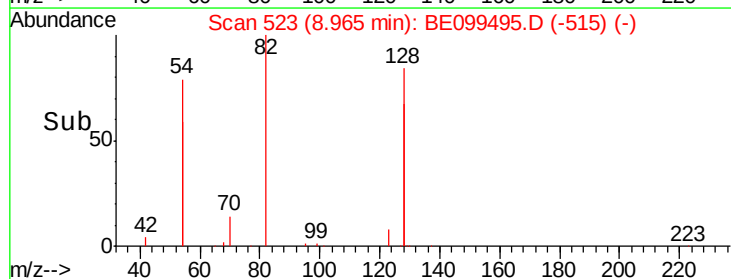
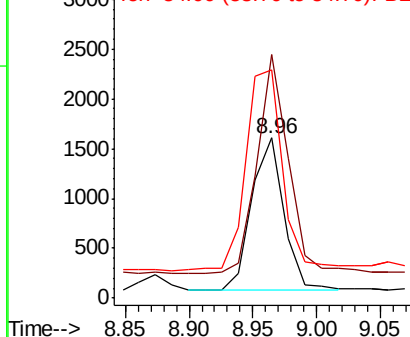
Lab File: BE099495.D

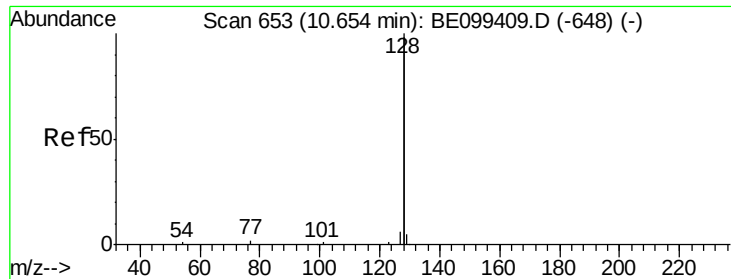
Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	2688		
128	151.9	107.0	160.4	
54	142.4	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: 0.377 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

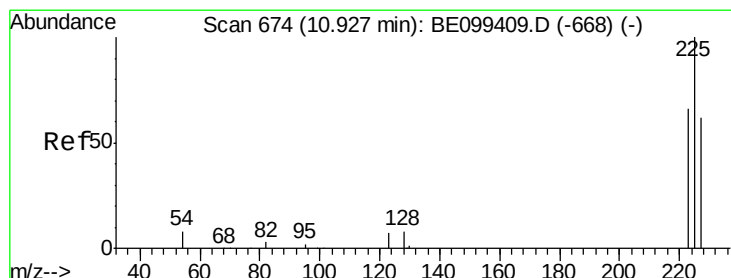
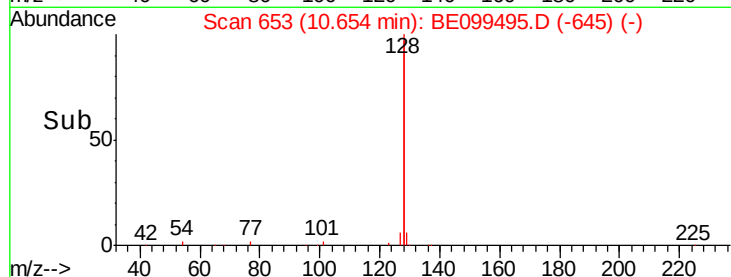
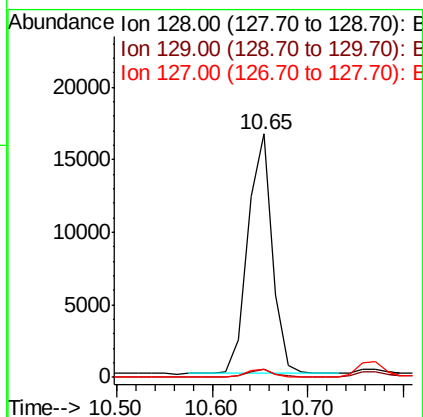
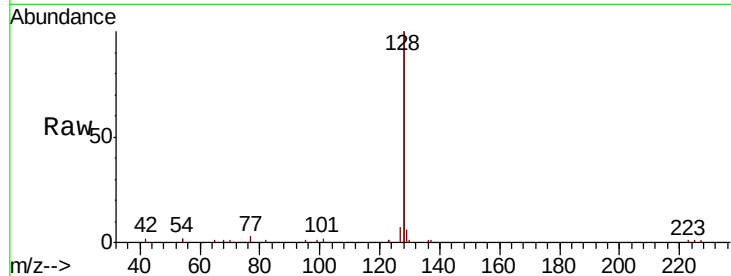
ClientSampleId :

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Tgt Ion:	128	Resp:	29264
Ion Ratio	Lower	Upper	
128	100		
129	3.2	2.4	3.6
127	3.3	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.349 ng

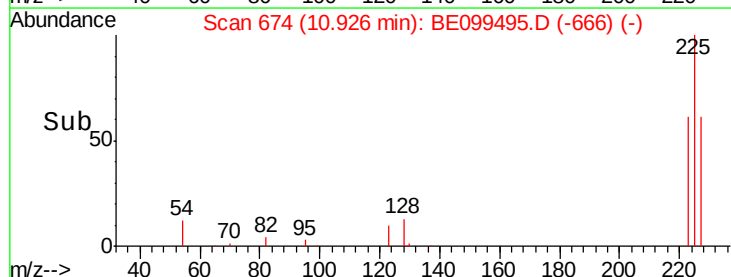
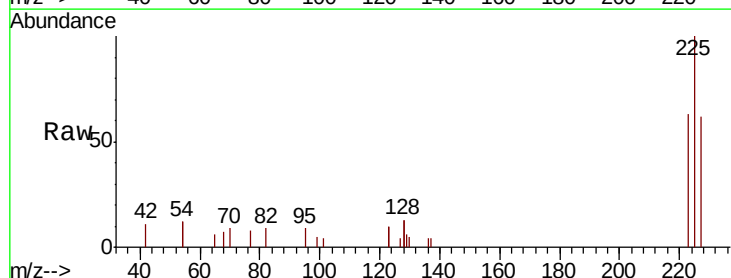
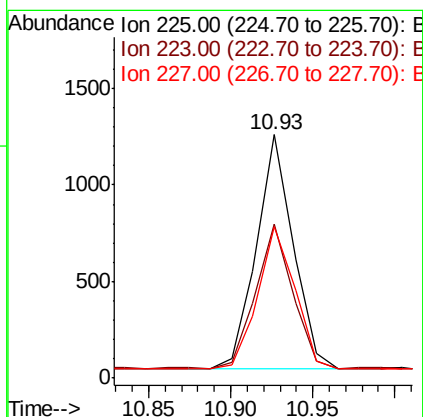
RT: 10.93 min Scan# 674

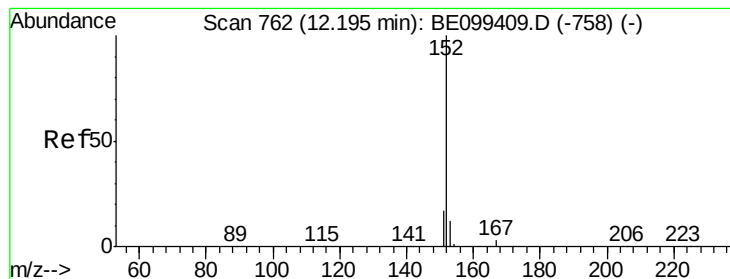
Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Tgt Ion:	225	Resp:	1885
Ion Ratio	Lower	Upper	
225	100		
223	61.3	51.0	76.6
227	60.9	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: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS

Tgt Ion:152 Resp: 4535

Ion Ratio Lower Upper

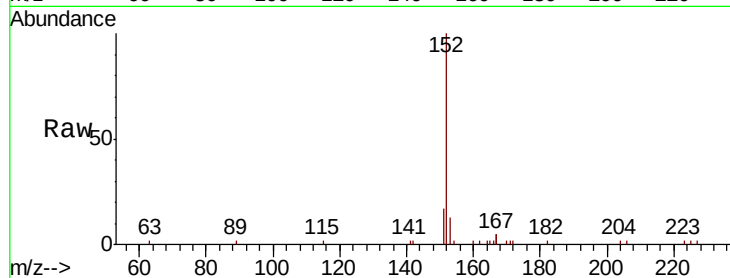
152 100

151 19.8 15.5 23.3

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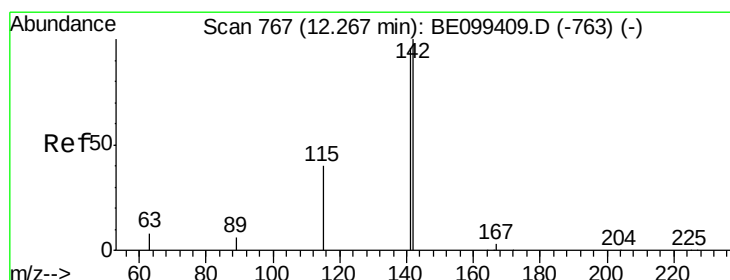
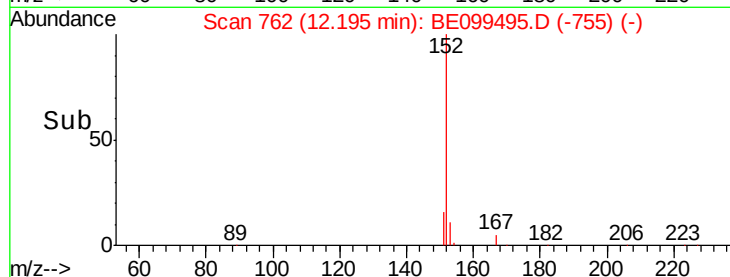
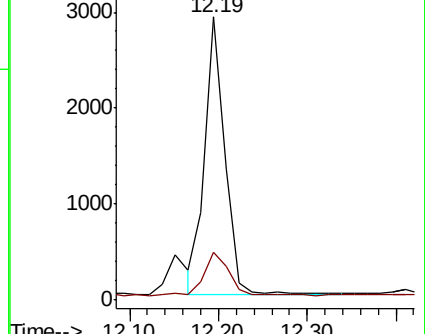
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.373 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

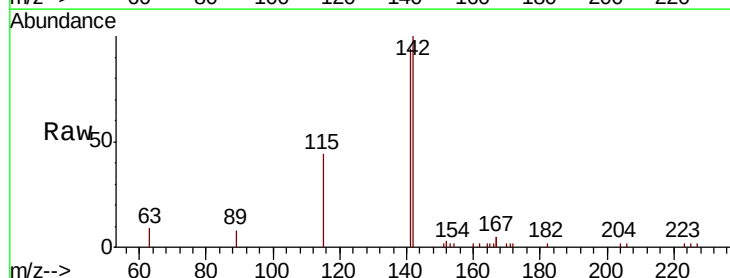
Tgt Ion:142 Resp: 5039

Ion Ratio Lower Upper

142 100

141 93.7 77.0 115.4

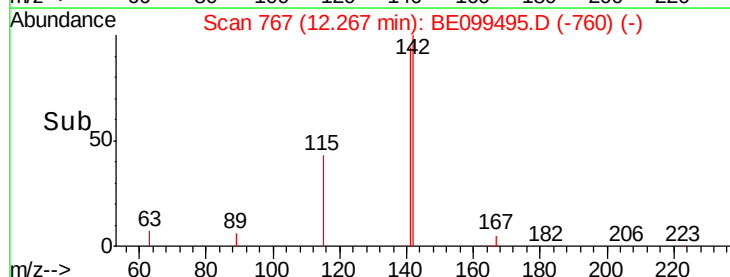
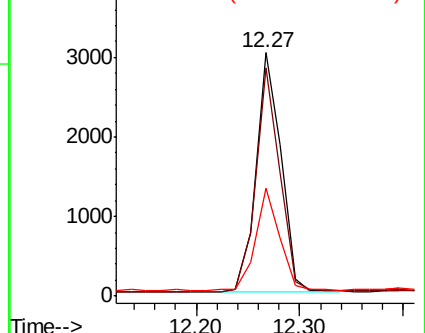
115 44.2 33.4 50.0

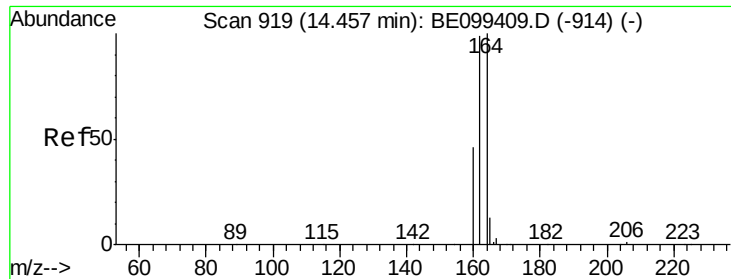


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





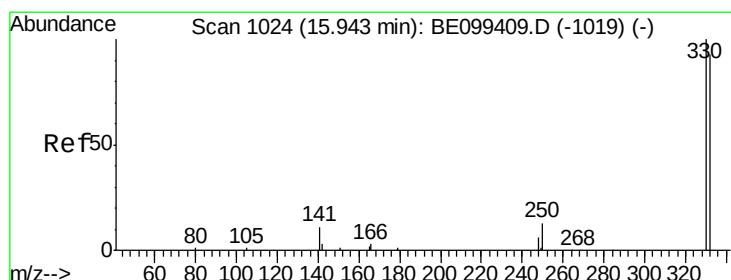
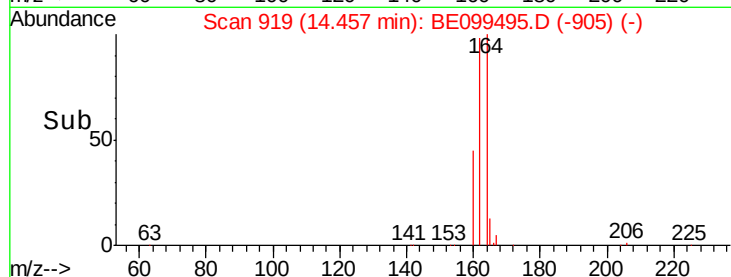
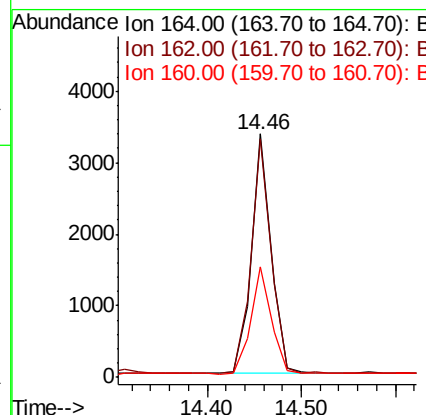
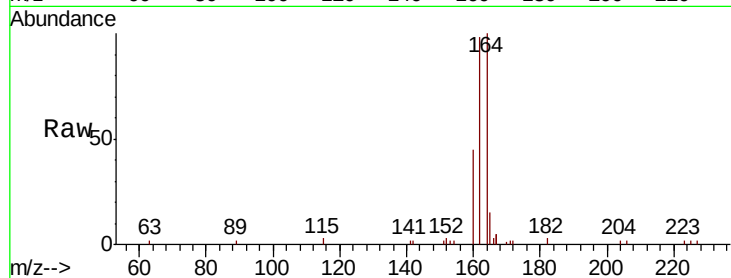
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099495.D
 Acq: 2 May 2019 16:18

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

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	4896		
162	98.1		79.0	118.4
160	45.4		37.0	55.4

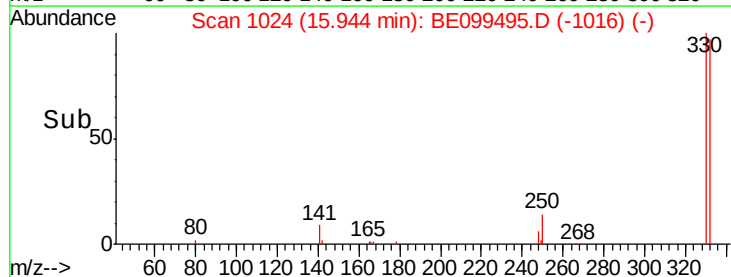
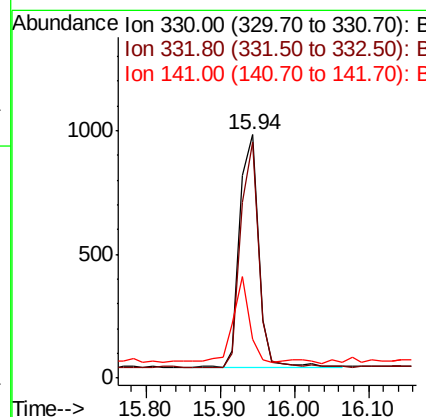
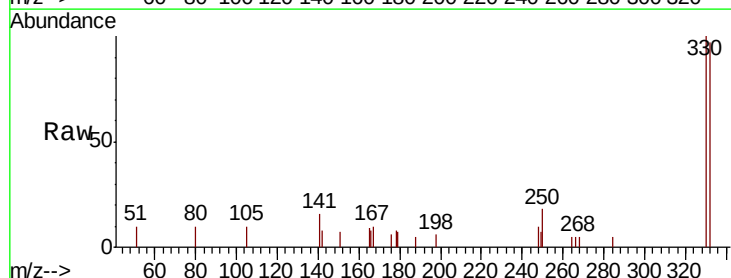
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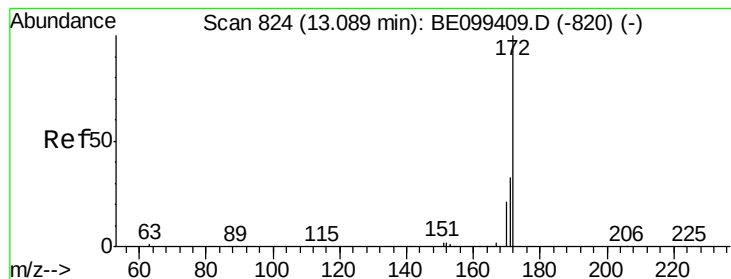
Sohil
 5/3/2019 4:23:10 PM



#14
 2,4,6-Tribromophenol
 Concen: 0.529 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099495.D
 Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1632		
332	93.0		71.5	107.3
141	31.4		24.0	36.0





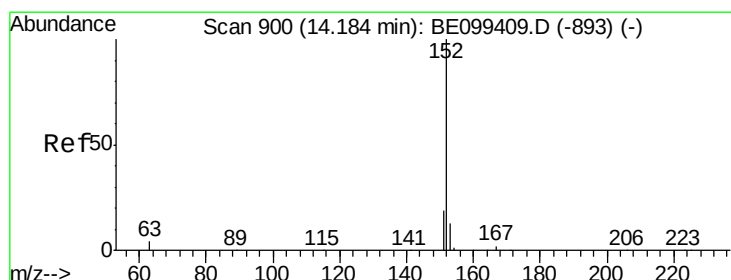
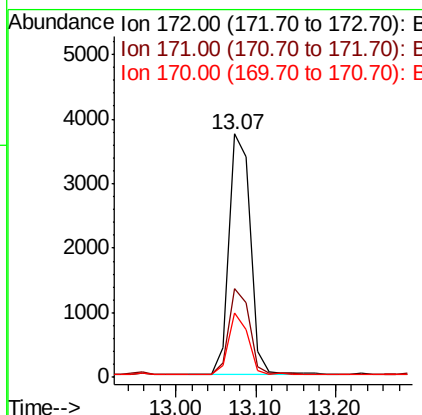
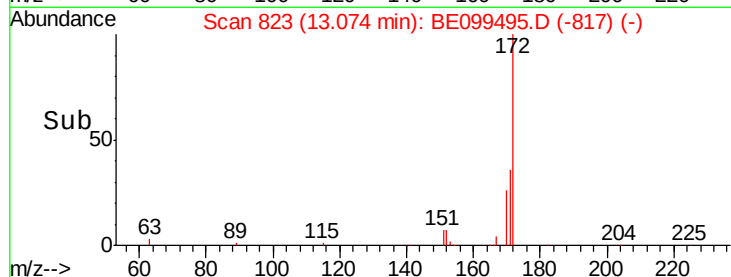
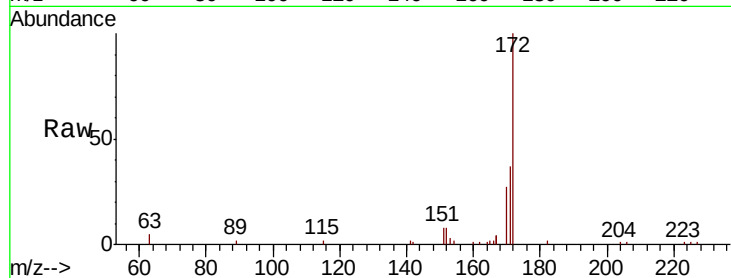
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.6	39.8
170	26.6	17.0	25.6

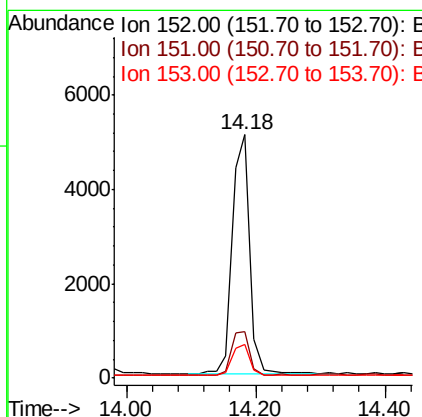
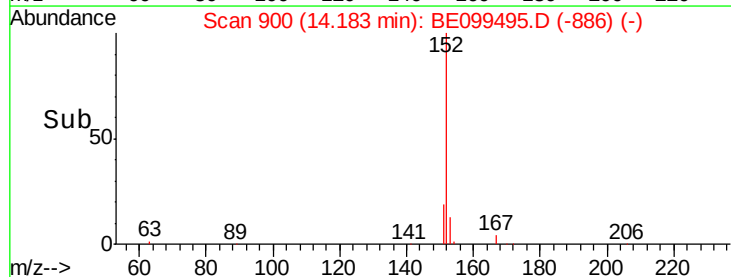
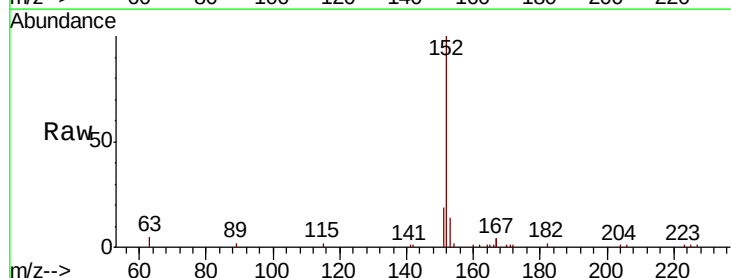
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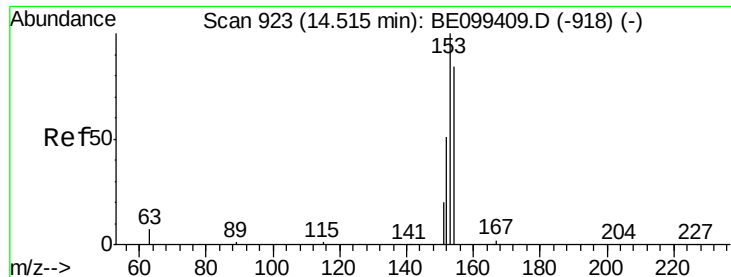
Sohil
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#16
Acenaphthylene
Concen: 0.392 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.5	9.8	14.6





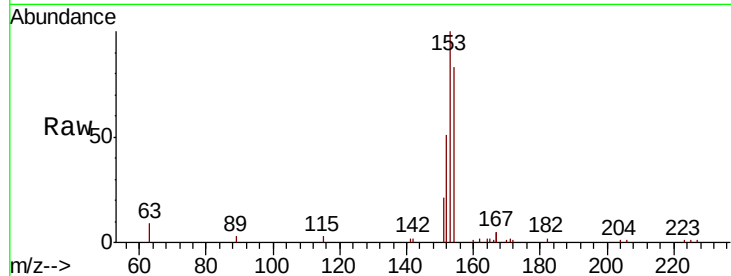
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	92.6	138.8
152	54.8	45.8	68.8

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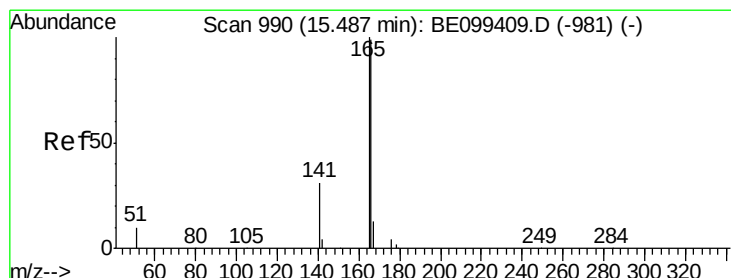
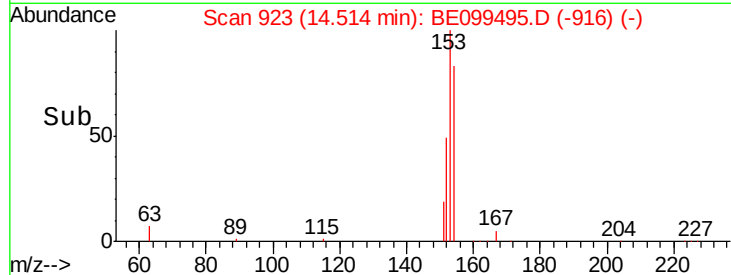
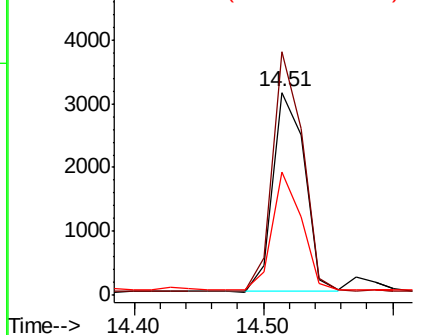


Abundance

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: 0.403 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

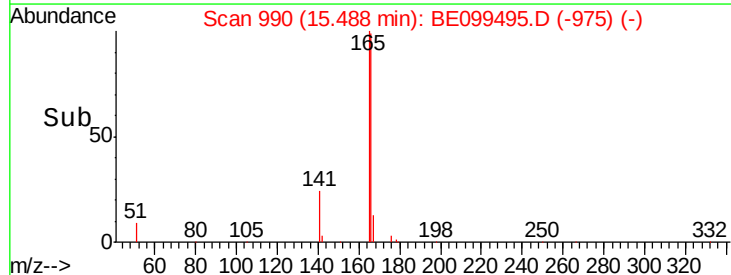
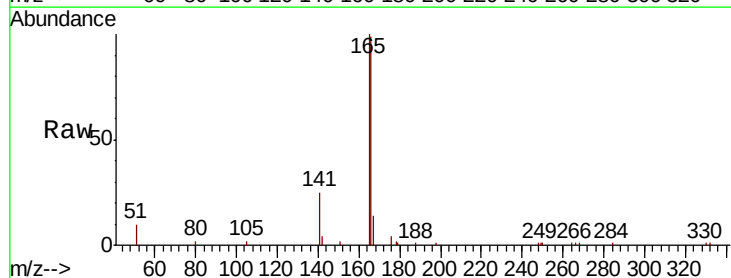
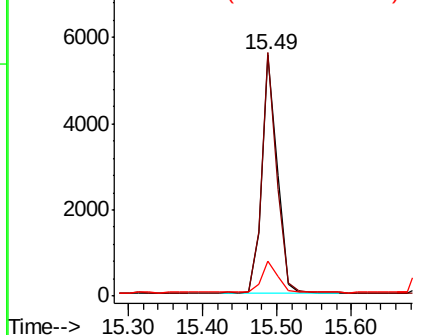
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.3	120.5
167	13.8	10.7	16.1

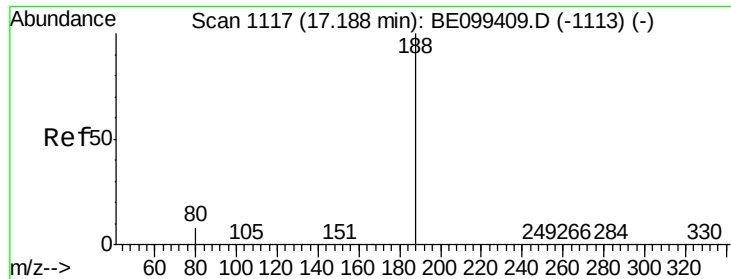
Abundance

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





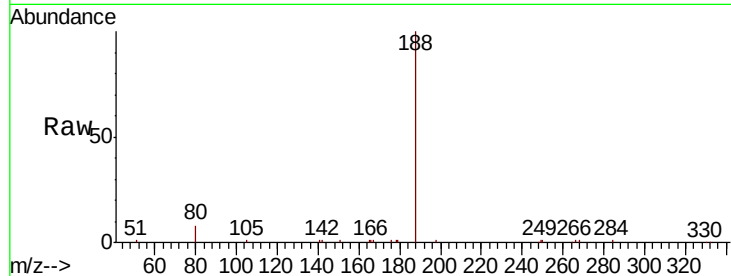
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

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

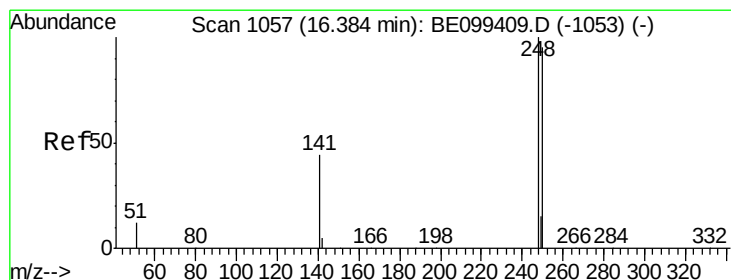
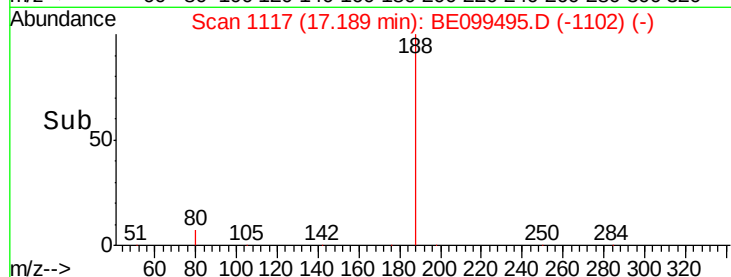
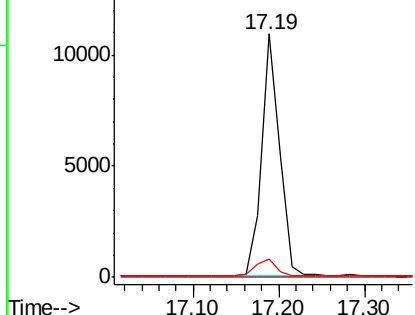
Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	6.7	10.1

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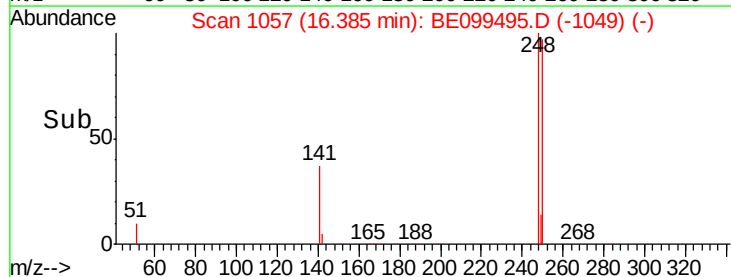
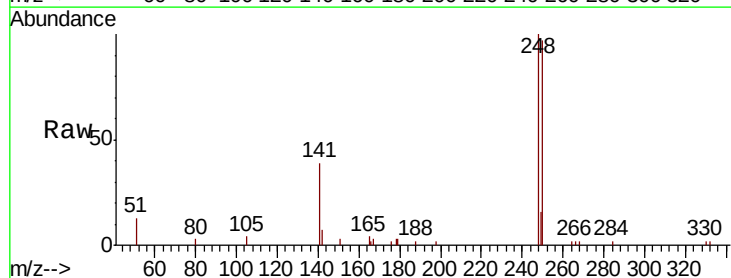
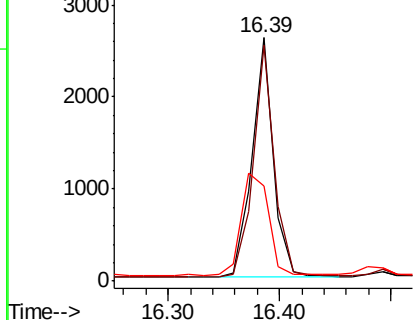
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

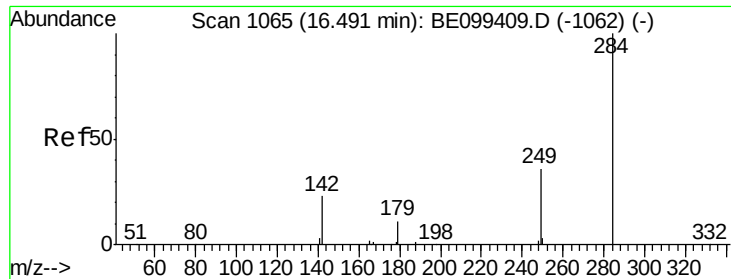


#20
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.39 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	97.0	75.8	113.8
141	39.2	35.7	53.5

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





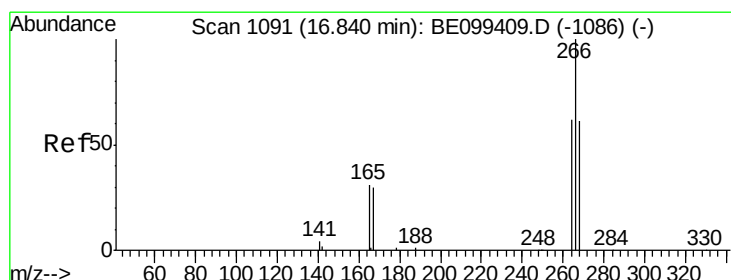
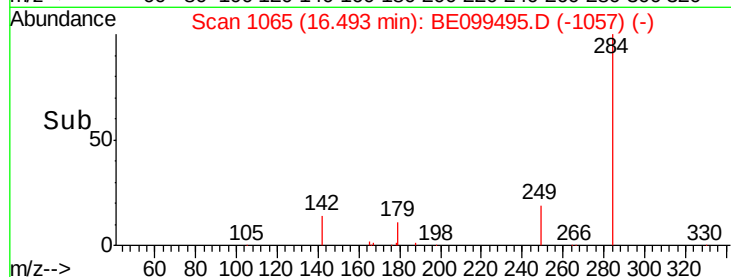
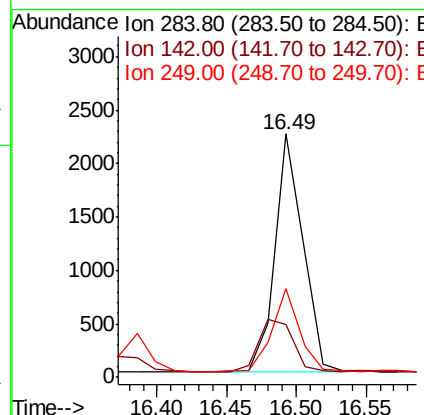
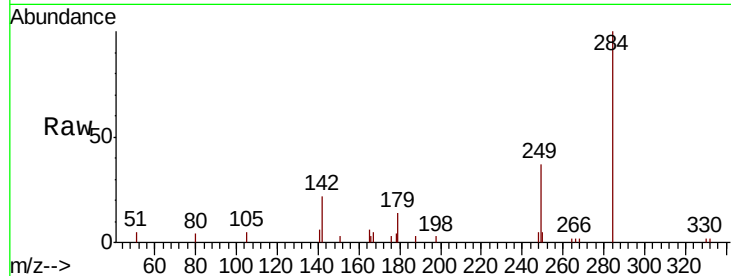
#21
Hexachlorobenzene
Concen: 0.355 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

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

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	21.0	31.6
249	34.3	26.7	40.1

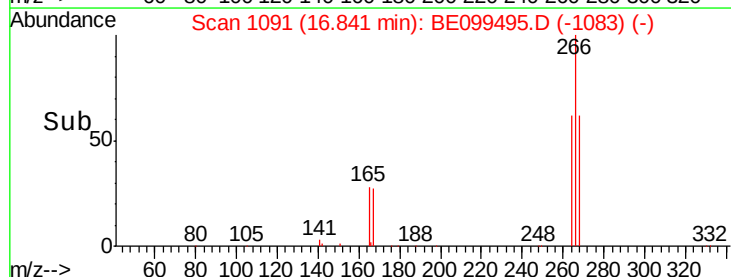
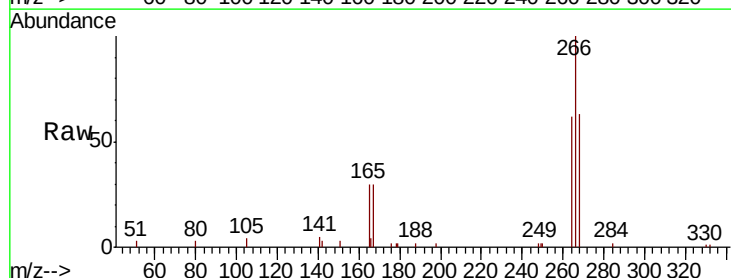
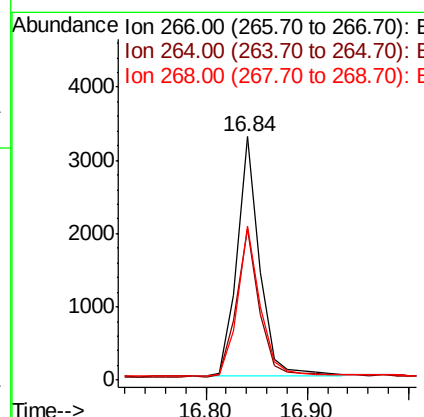
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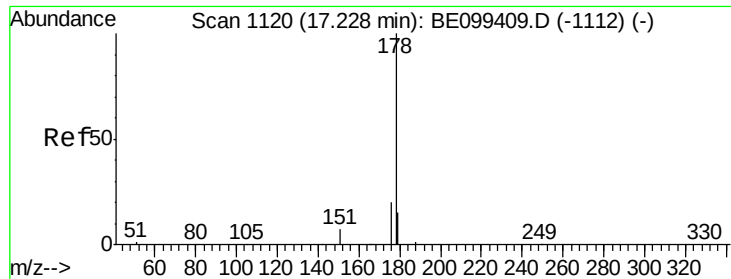
Sohil
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#22
Pentachlorophenol
Concen: 1.188 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.8	76.2
268	63.1	50.5	75.7





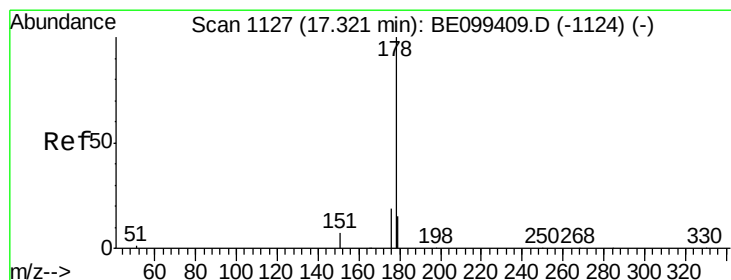
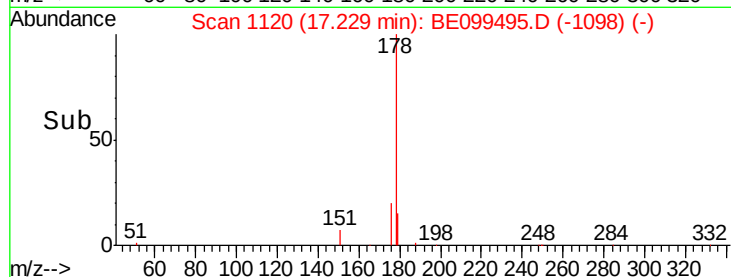
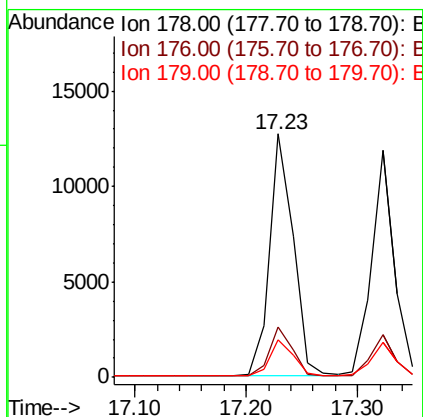
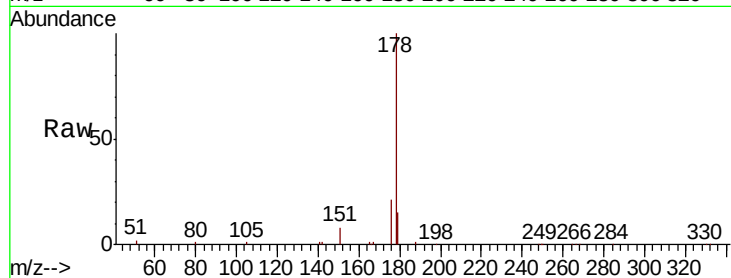
#23
Phenanthrene
Concen: 0.465 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.2	12.0	18.0

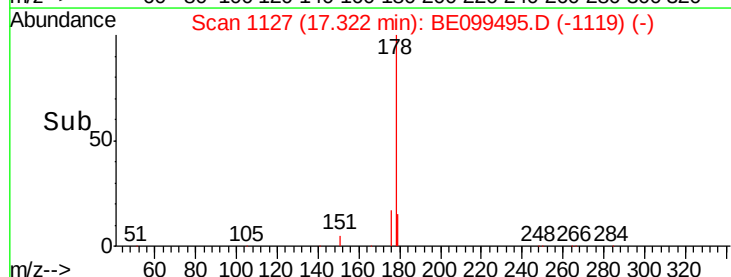
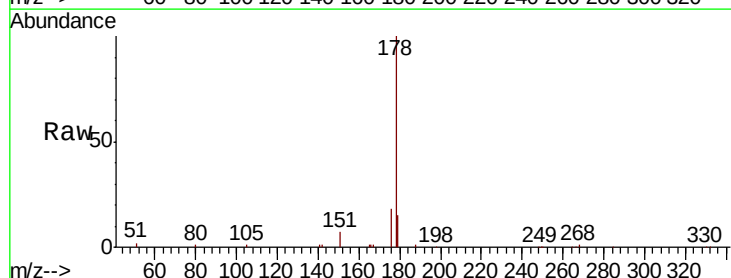
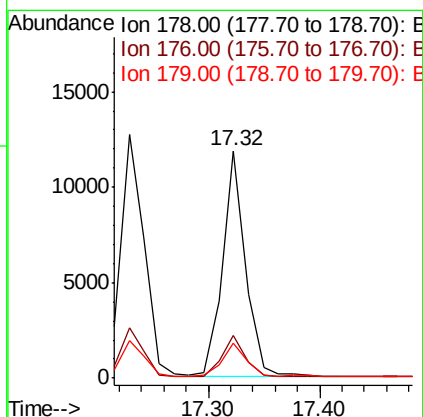
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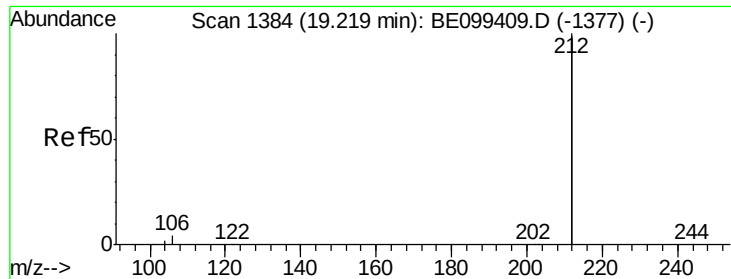
Sohil
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#24
Anthracene
Concen: 0.431 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.8	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.402 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

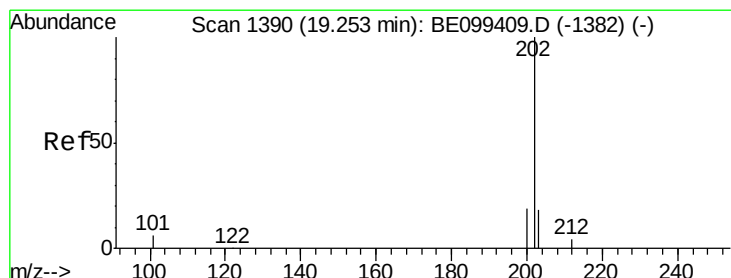
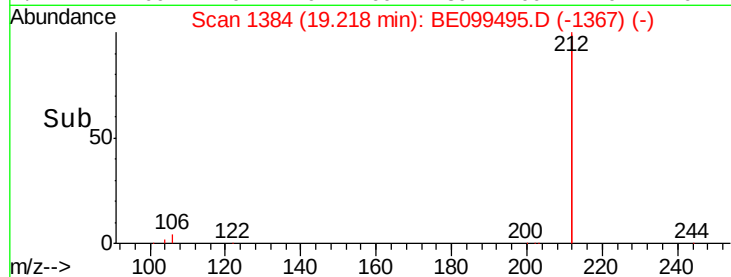
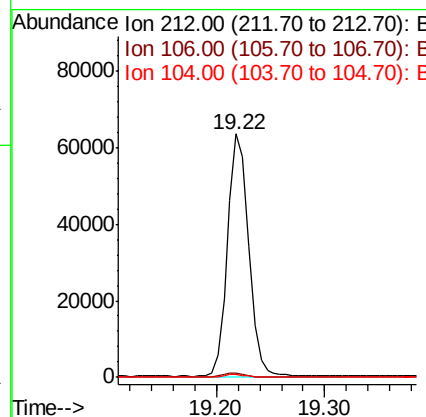
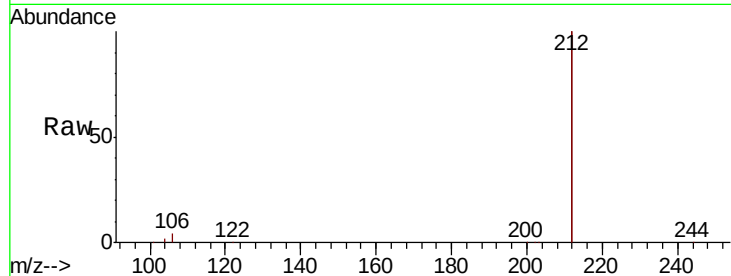
ClientSampleId :

PST-001-B194-042519MS

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	85785		
106	1.8		1.5	2.3
104	1.1		0.9	1.3

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#26

Fluoranthene

Concen: 0.591 ng

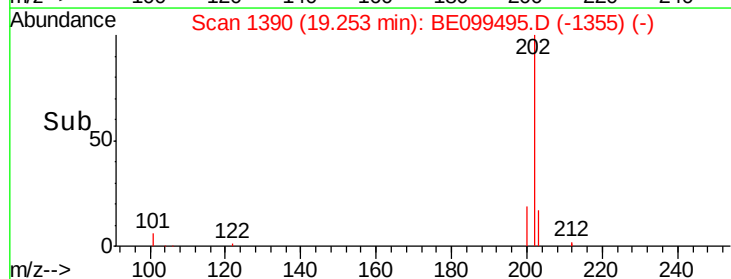
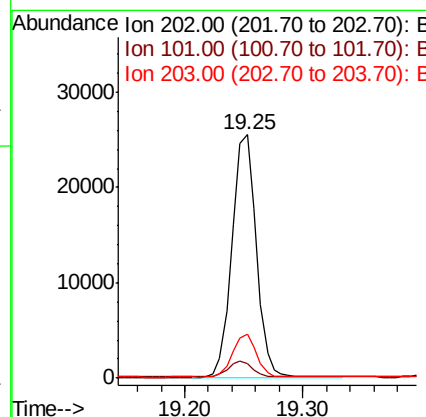
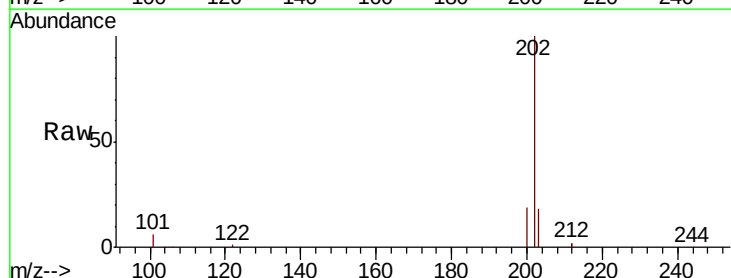
RT: 19.25 min Scan# 1390

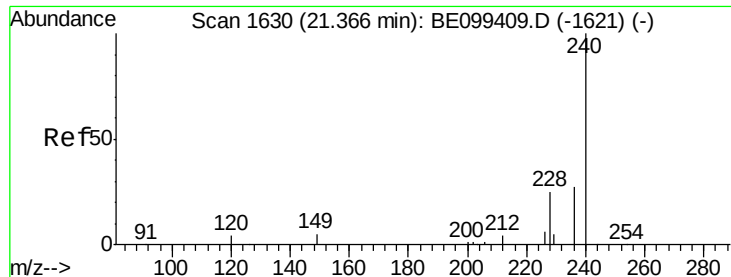
Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	36150		
101	6.8		5.4	8.0
203	17.2		13.9	20.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

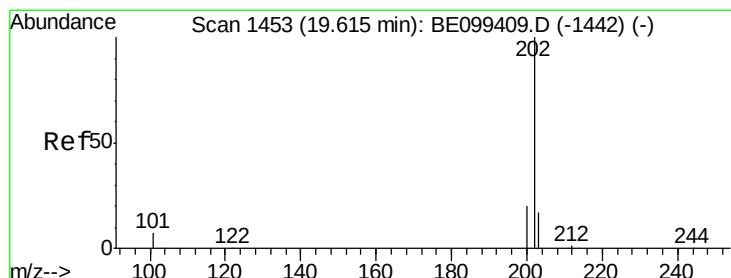
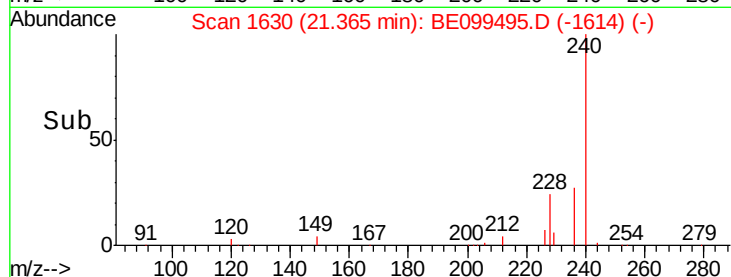
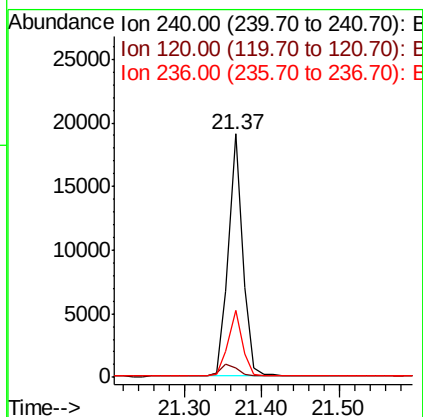
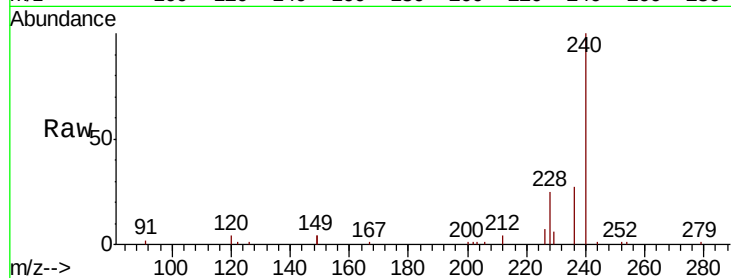
ClientSampleId :

PST-001-B194-042519MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.0	6.0#
236	27.5	22.0	33.0

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#28

Pyrene

Concen: 0.594 ng

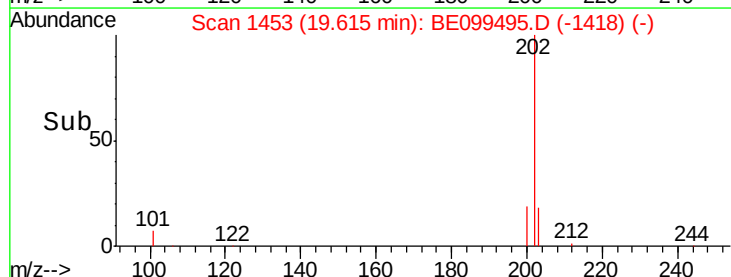
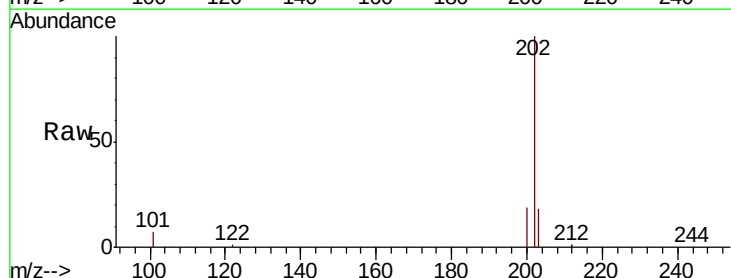
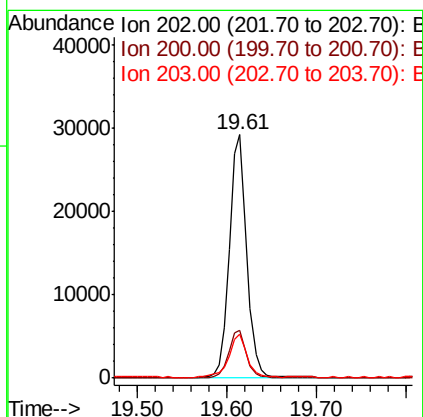
RT: 19.61 min Scan# 1453

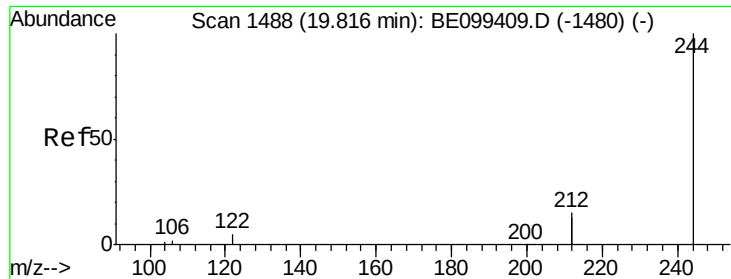
Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	18.4	13.9	20.9





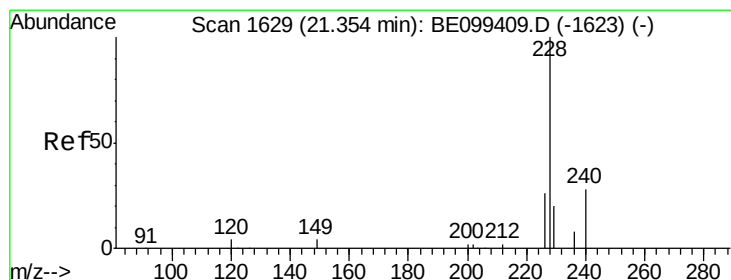
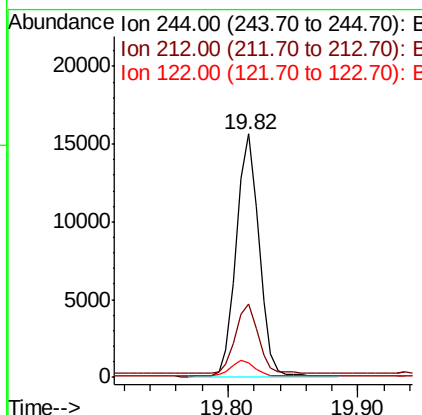
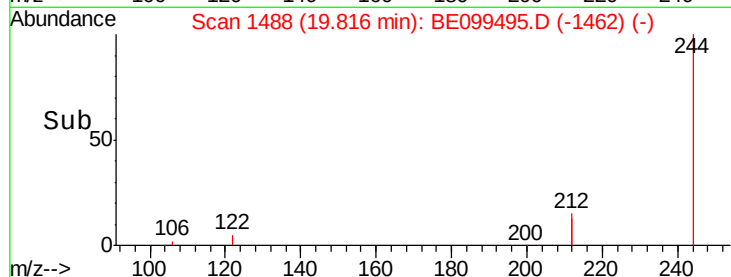
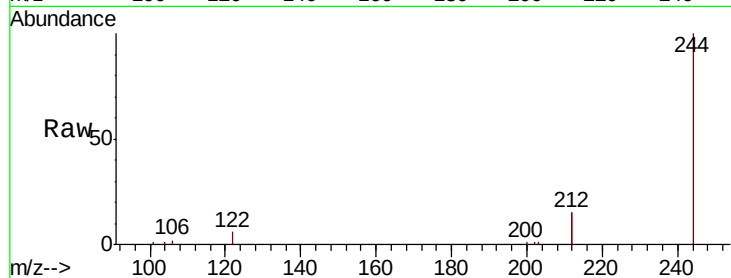
#29
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.82 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BE099495.D
 Acq: 2 May 2019 16:18

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	29.9	23.2	34.8
122	6.0	4.2	6.4

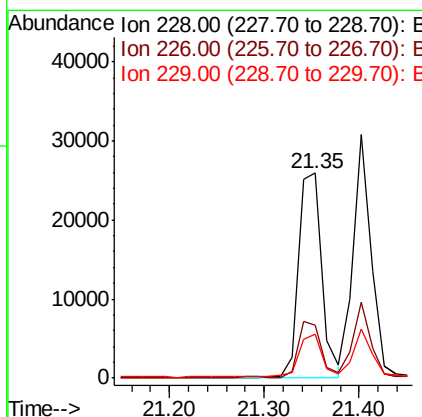
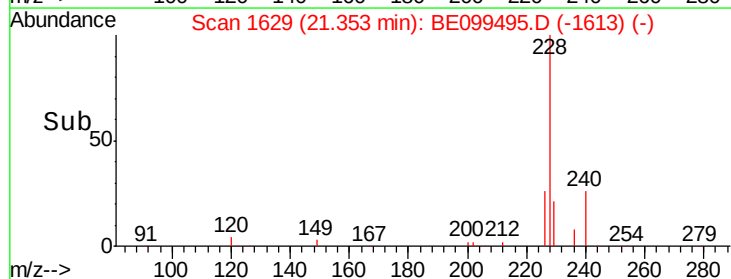
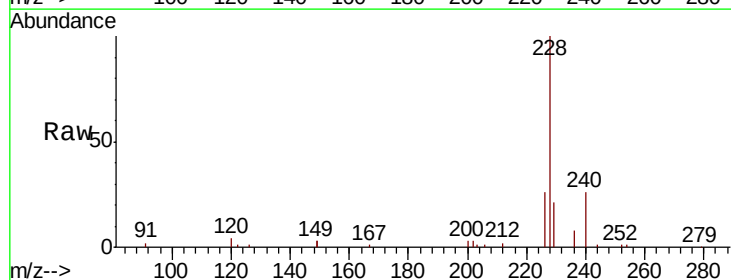
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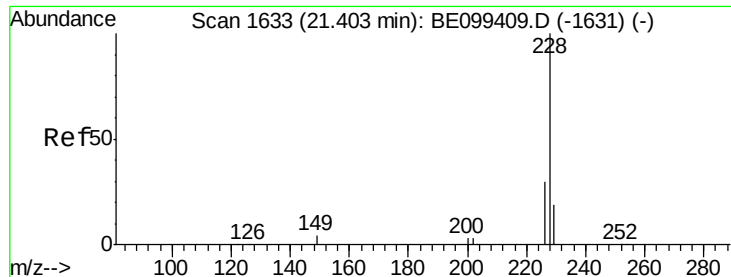
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#30
 Benzo(a)anthracene
 Concen: 0.548 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE099495.D
 Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.0	31.6
229	21.2	16.6	25.0





#31

Chrysene

Concen: 0.520 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

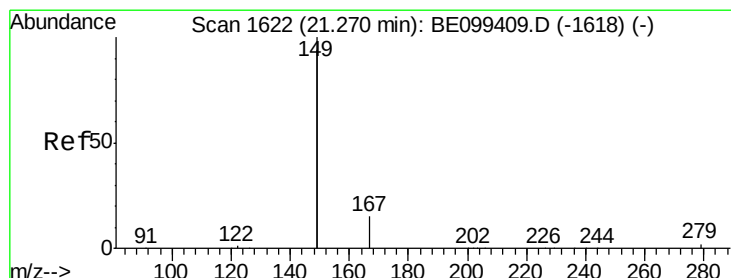
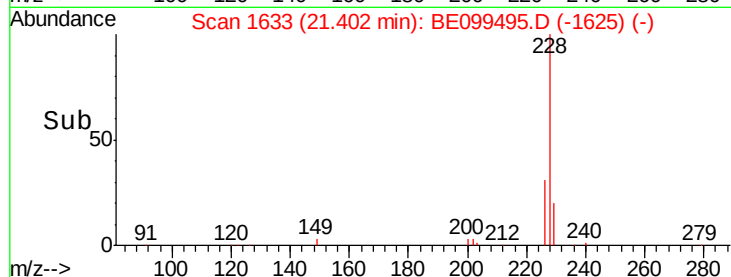
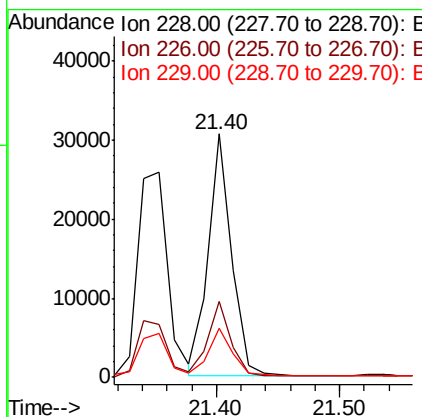
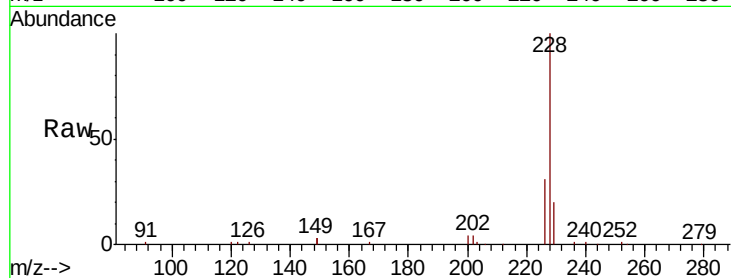
ClientSampleId :

PST-001-B194-042519MS

Tgt Ion:	228	Resp:	40254
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	20.3	15.8	23.8

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.483 ng

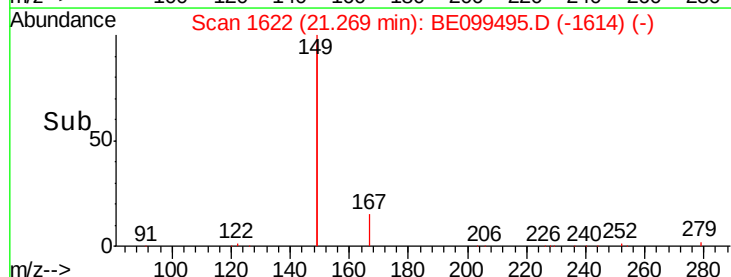
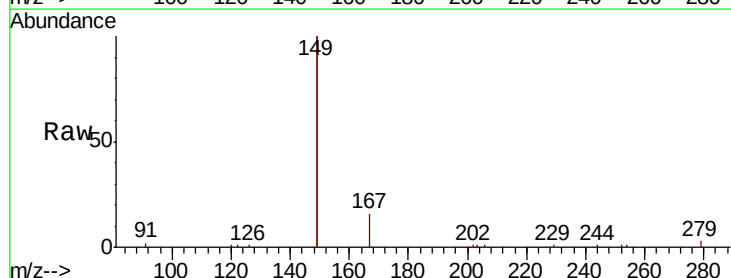
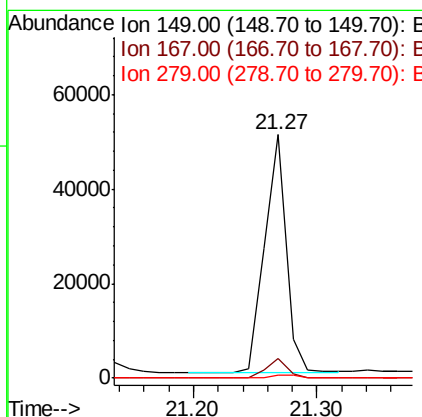
RT: 21.27 min Scan# 1622

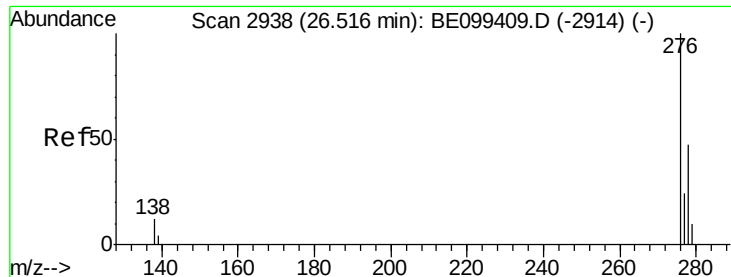
Delta R.T. -0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Tgt Ion:	149	Resp:	61902
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.8	8.6
279	1.4	1.0	1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.480 ng

RT: 26.51 min Scan# 2936

Delta R.T. -0.01 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Instrument :

BNA_E

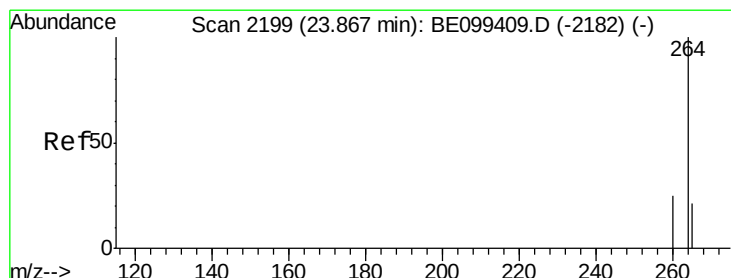
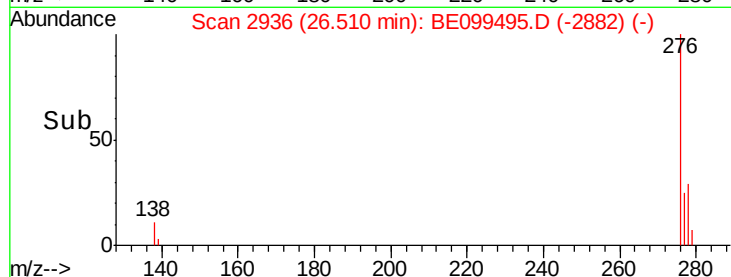
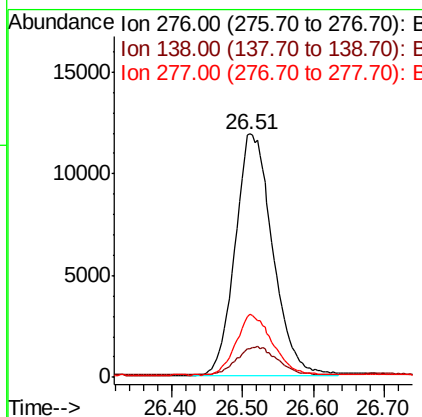
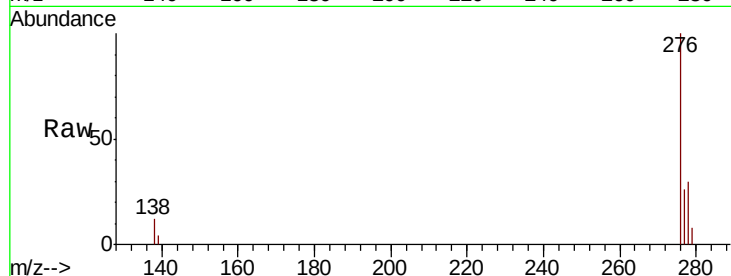
ClientSampleId :

PST-001-B194-042519MS

Tgt Ion:	276	Resp:	43941
Ion Ratio	Lower	Upper	
276	100		
138	12.4	10.2	15.2
277	24.3	19.2	28.8

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#34

Perylene-d12

Concen: 0.400 ng

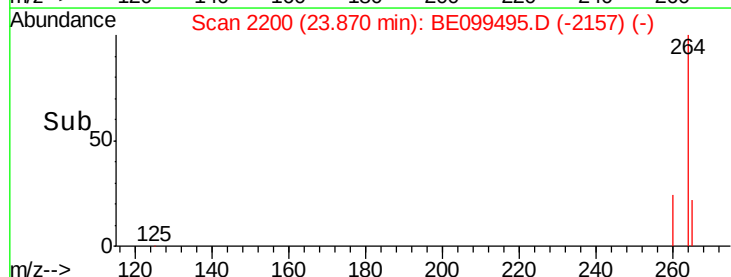
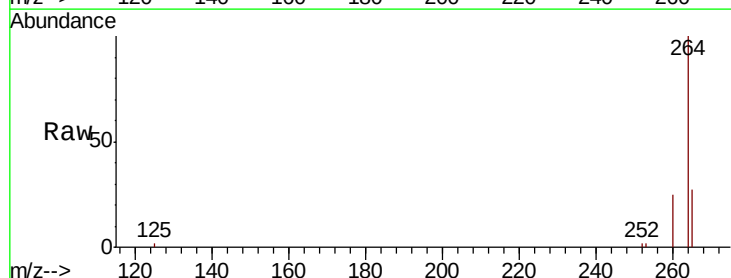
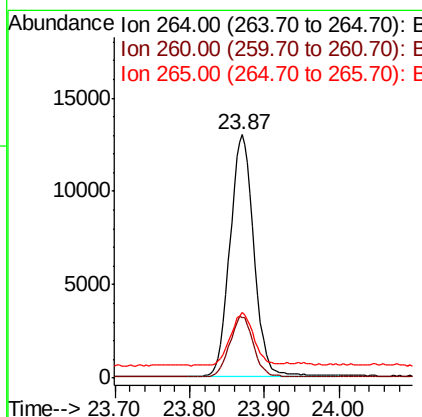
RT: 23.87 min Scan# 2200

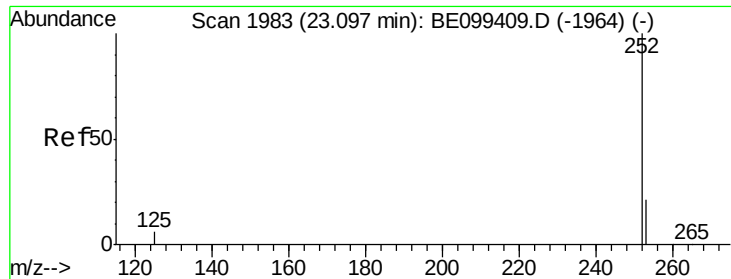
Delta R.T. 0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Tgt Ion:	264	Resp:	28845
Ion Ratio	Lower	Upper	
264	100		
260	24.7	20.2	30.2
265	26.8	21.3	31.9





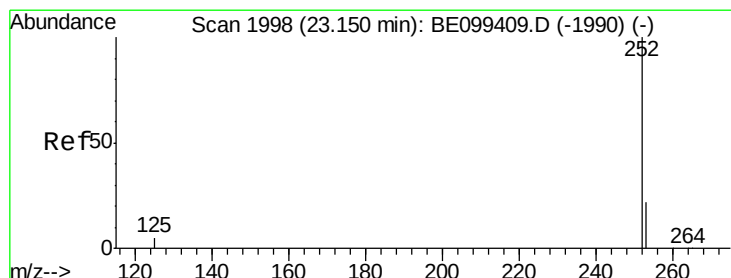
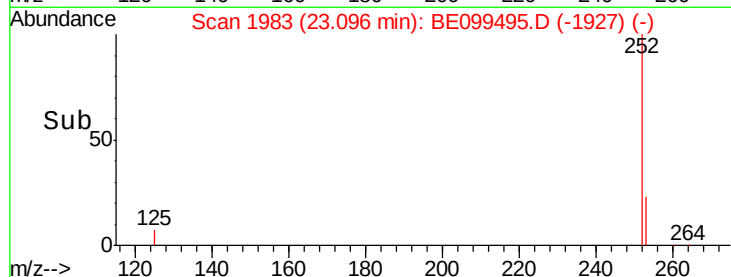
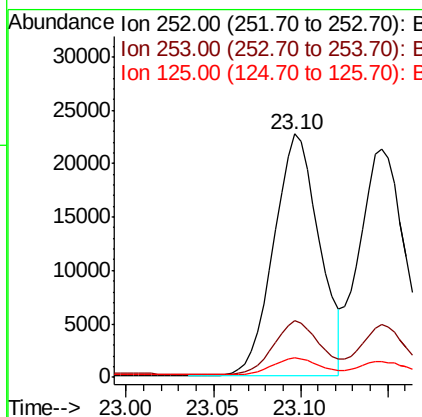
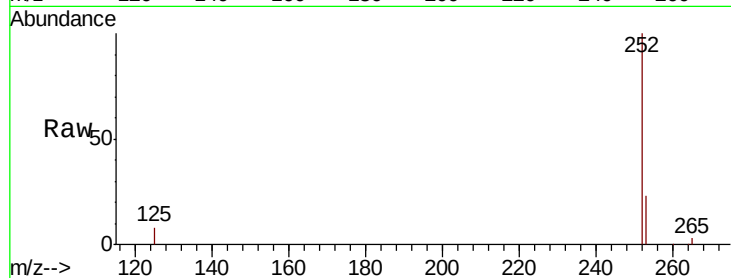
#35
Benzo(b)fluoranthene
Concen: 0.493 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	8.1	5.6	8.4

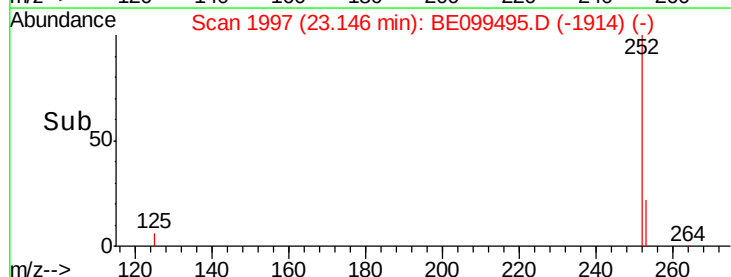
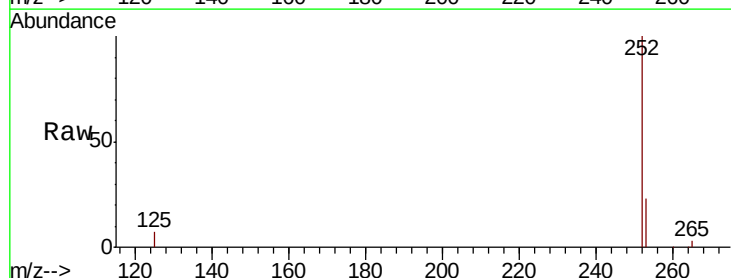
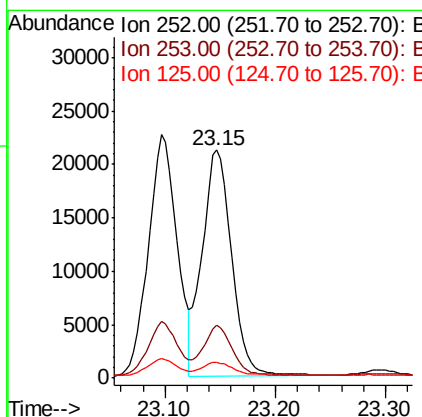
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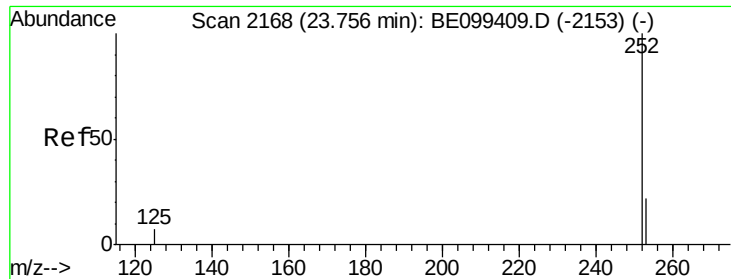
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#36
Benzo(k)fluoranthene
Concen: 0.493 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099495.D
Acq: 2 May 2019 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	7.0	5.0	7.4





#37

Benzo(a)pyrene

Concen: 0.498 ng

RT: 23.76 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE099495.D

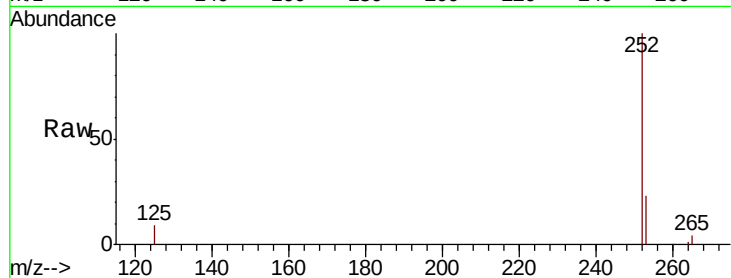
Acq: 2 May 2019 16:18

Instrument :

BNA_E

ClientSampleId :

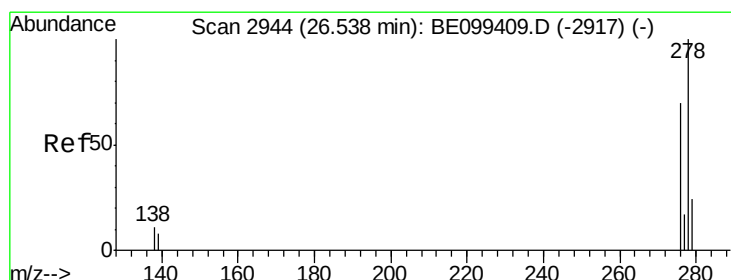
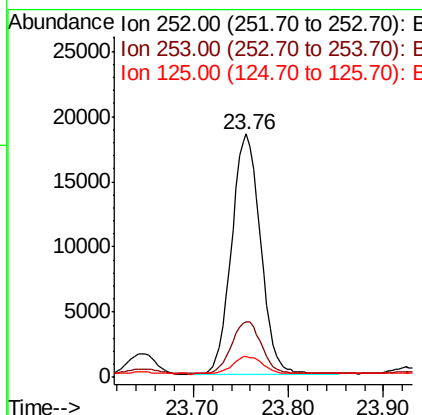
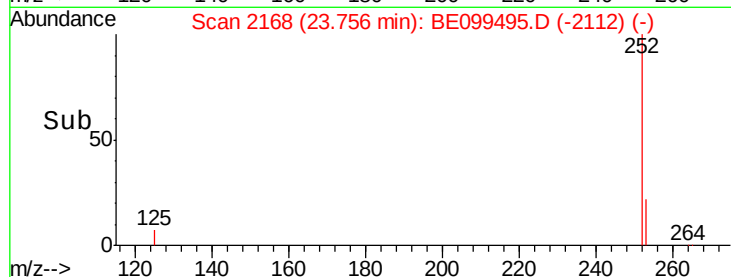
PST-001-B194-042519MS



Tgt Ion:	252	Resp:	39167
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.9	28.3
125	8.6	6.7	10.1

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#38

Dibenzo(a,h)anthracene

Concen: 0.428 ng

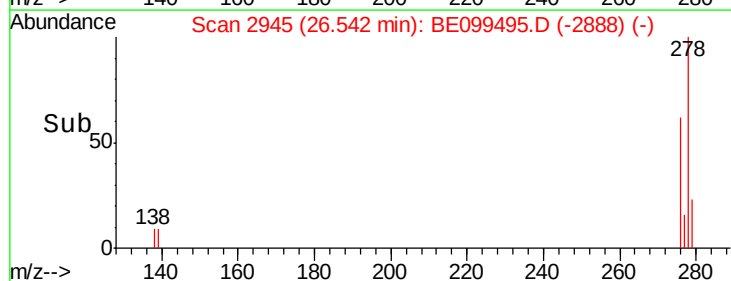
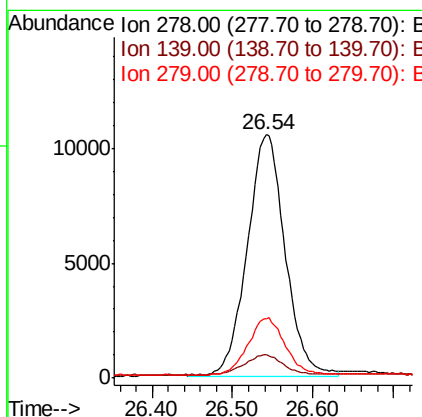
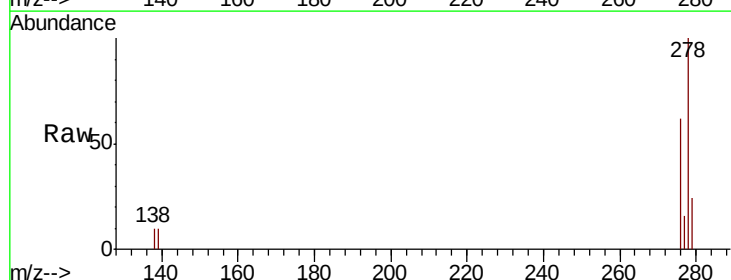
RT: 26.54 min Scan# 2945

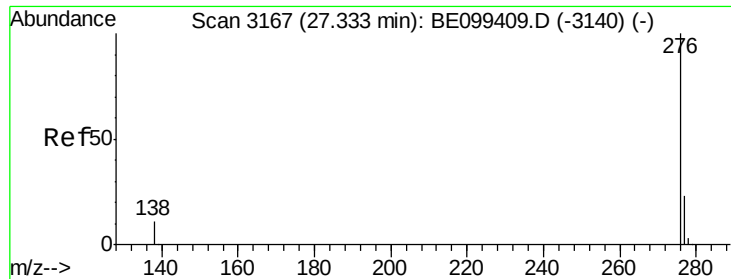
Delta R.T. 0.00 min

Lab File: BE099495.D

Acq: 2 May 2019 16:18

Tgt Ion:	278	Resp:	34425
Ion Ratio	Lower	Upper	
278	100		
139	9.9	7.7	11.5
279	24.4	20.2	30.2





#39

Benzo(g,h,i)perylene

Concen: 0.465 ng

RT: 27.33 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BE099495.D

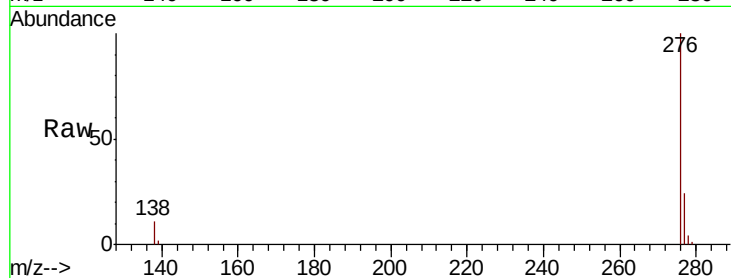
Acq: 2 May 2019 16:18

Instrument :

BNA_E

ClientSampleId :

PST-001-B194-042519MS



Tgt Ion: 276 Resp: 37509

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

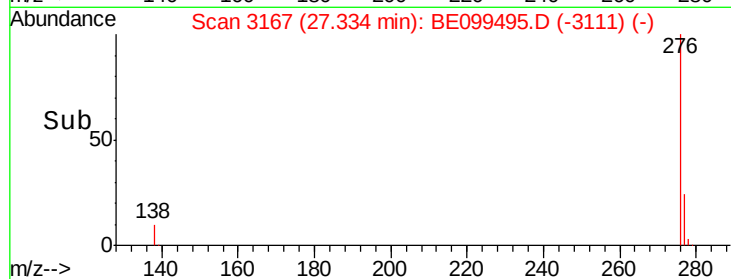
138 11.5 9.6 14.4

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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

