

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099485.D
 Acq On : 2 May 2019 4:36
 Operator : JU/SJ
 Sample : K2569-03MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-023-SW027-042319MS

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:48:14 PM

Quant Time: May 02 08:51:26 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	2153	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7565	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5588	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18050	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24345	0.40	ng	0.00
34) Perylene-d12	23.86	264	28031	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	1558	0.26	ng	0.00
5) Phenol-d6	6.97	99	2559	0.32	ng	0.00
8) Nitrobenzene-d5	8.96	82	1968	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	3276m	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	962	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	4906	0.23	ng	-0.01
25) Fluoranthene-d10	19.22	212	55867	0.23	ng	0.00
29) Terphenyl-d14	19.81	244	12278	0.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	588	0.199	ng	# 61
3) n-Nitrosodimethylamine	3.65	42	366	0.205	ng	# 79
6) bis(2-Chloroethyl)ether	7.23	93	1750	0.256	ng	98
9) Naphthalene	10.65	128	49484	0.600	ng	99
10) Hexachlorobutadiene	10.92	225	1443	0.252	ng	99
12) 2-Methylnaphthalene	12.27	142	28431	1.983	ng	95
16) Acenaphthylene	14.17	152	16081	0.588	ng	98
17) Acenaphthene	14.51	154	4880	0.313	ng	97
18) Fluorene	15.49	166	10435	0.453	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	2503	0.238	ng	93
21) Hexachlorobenzene	16.49	284	2495	0.249	ng	98
22) Pentachlorophenol	16.84	266	3131	0.735	ng	98
23) Phenanthrene	17.23	178	42586	0.914	ng	99
24) Anthracene	17.32	178	15983	0.360	ng	98
26) Fluoranthene	19.25	202	66887	0.959	ng	100
28) Pyrene	19.61	202	67319	1.061	ng	97
30) Benzo(a)anthracene	21.34	228	52145	0.672	ng	98
31) Chrysene	21.40	228	53814	0.709	ng	98
32) Bis(2-ethylhexyl)phthalate	21.27	149	48174	0.369	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.50	276	47090	0.525	ng	99
35) Benzo(b)fluoranthene	23.09	252	59371	0.735	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	37716	0.484	ng	# 96
37) Benzo(a)pyrene	23.75	252	49742	0.651	ng	98
38) Dibenzo(a,h)anthracene	26.53	278	26715	0.342	ng	98
39) Benzo(g,h,i)perylene	27.33	276	43941	0.561	ng	99

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

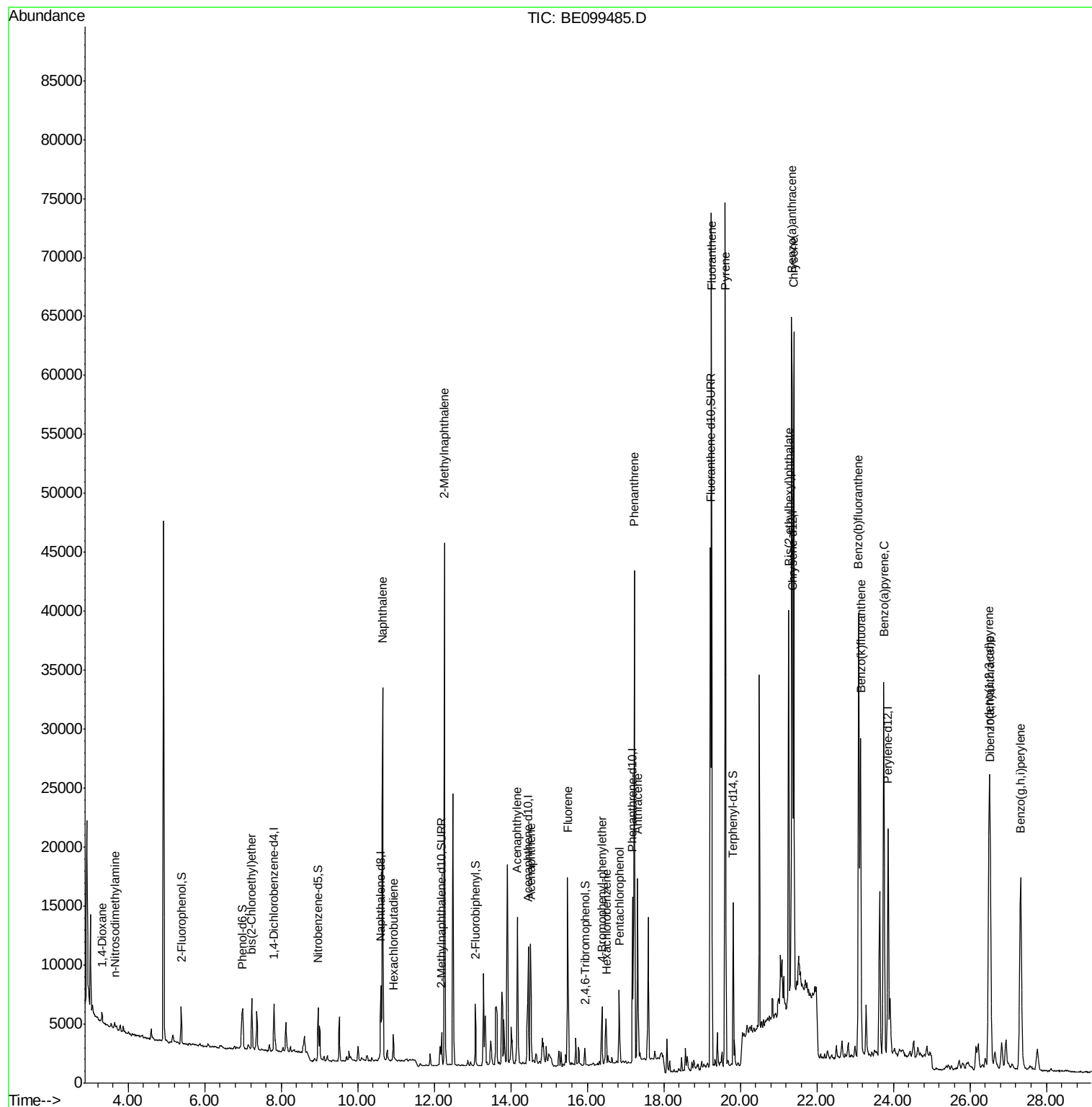
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
Data File : BE099485.D
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Sample : K2569-03MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

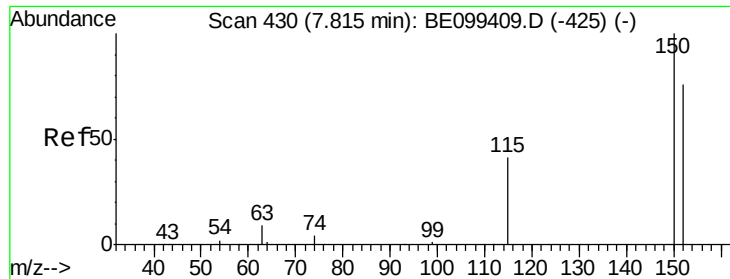
Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319MS

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5/2/2019 4:48:14 PM

Quant Time: May 02 08:51:26 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: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

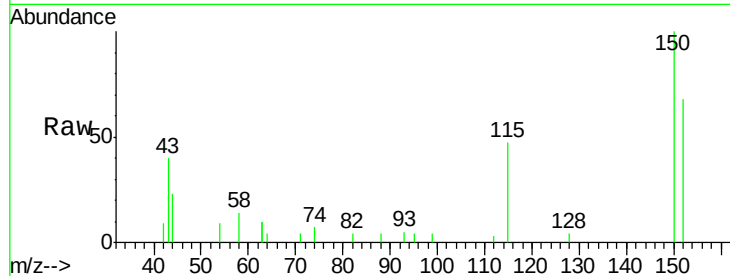
ClientSampleId :

PST-023-SW027-042319MS

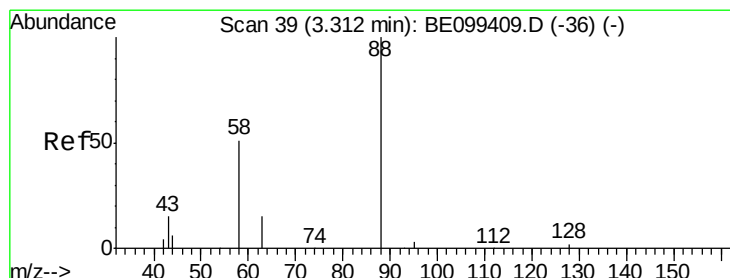
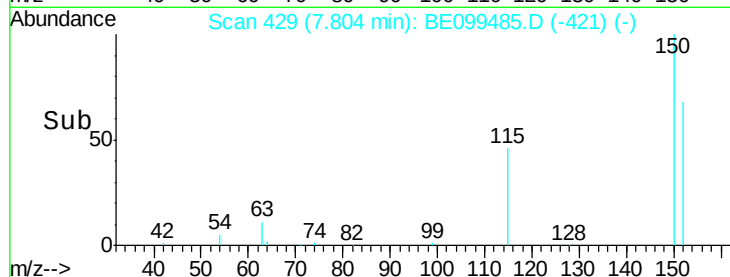
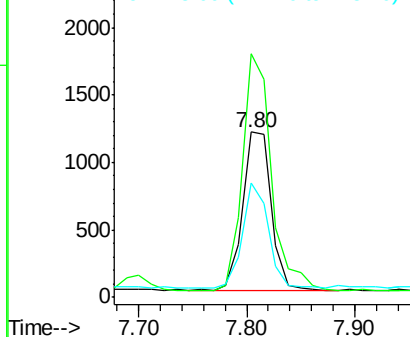
Tgt Ion:	152	Resp:	2153
Ion Ratio	Lower	Upper	
152	100		
150	147.2	104.8	157.2
115	69.1	46.6	69.8

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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: 0.199 ng

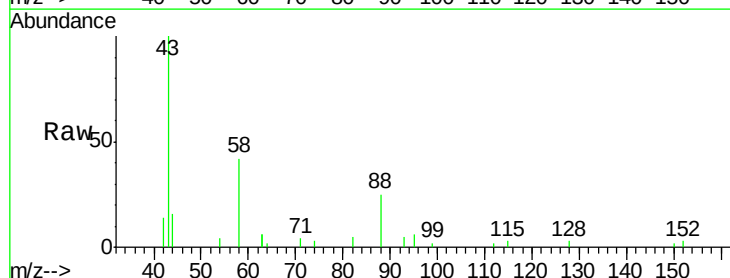
RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

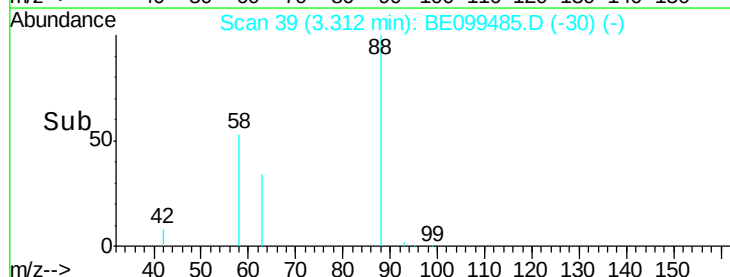
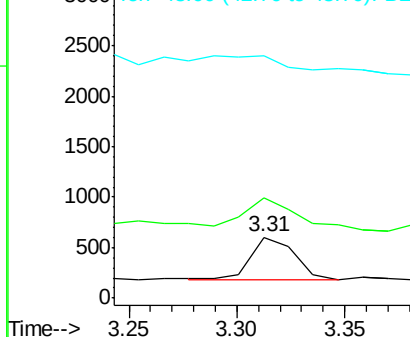
Lab File: BE099485.D

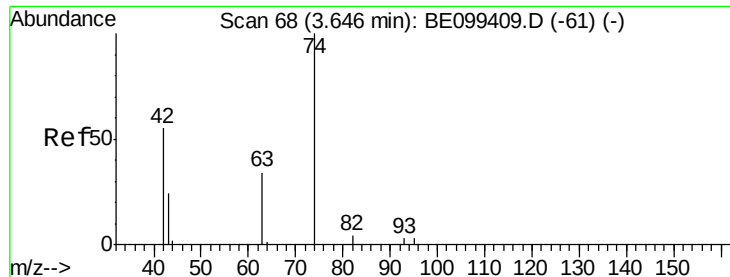
Acq: 2 May 2019 4:36

Tgt Ion:	88	Resp:	588
Ion Ratio	Lower	Upper	
88	100		
58	91.0	51.0	76.6#
43	0.0	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: 0.205 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

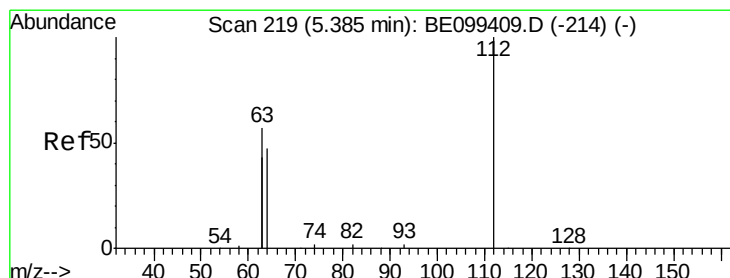
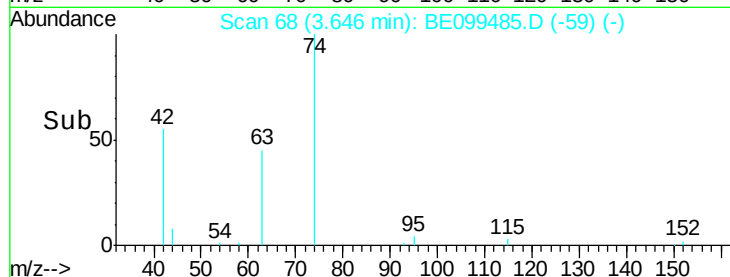
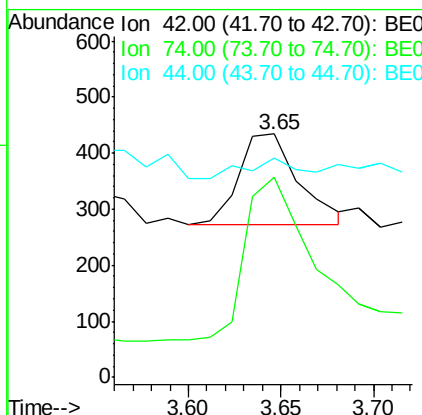
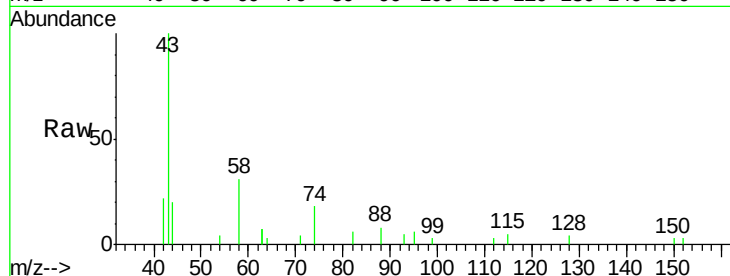
ClientSampleId :

PST-023-SW027-042319MS

Tgt Ion:	42	Resp:	366
Ion Ratio	Lower	Upper	
42	100		
74	207.1	141.6	212.4
44	18.3	0.0	0.0#

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#4

2-Fluorophenol

Concen: 0.262 ng

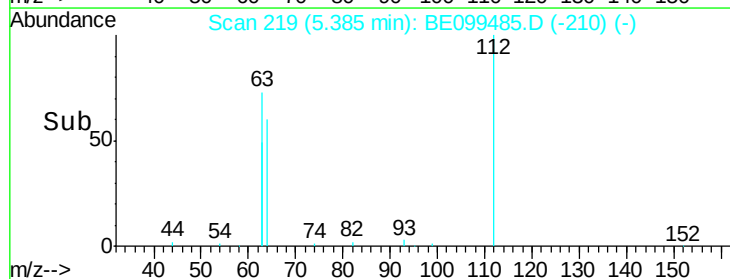
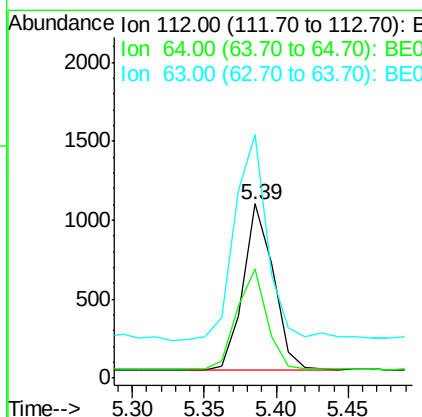
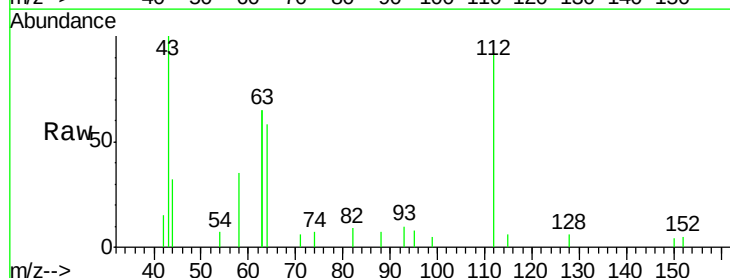
RT: 5.39 min Scan# 219

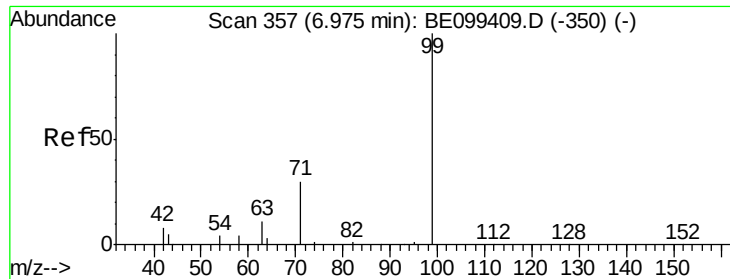
Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Tgt Ion:	112	Resp:	1558
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.4	71.0
63	135.1	104.3	156.5





#5

Phenol-d6

Concen: 0.323 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

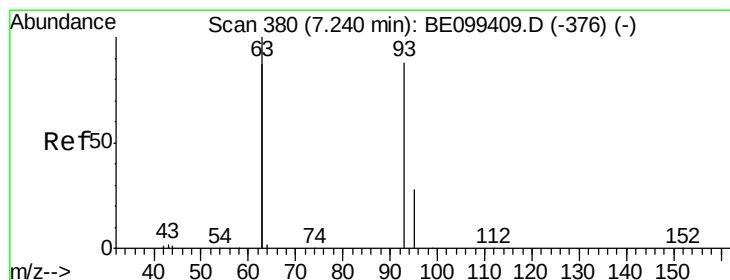
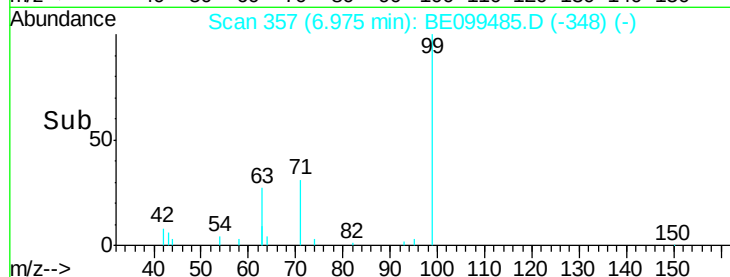
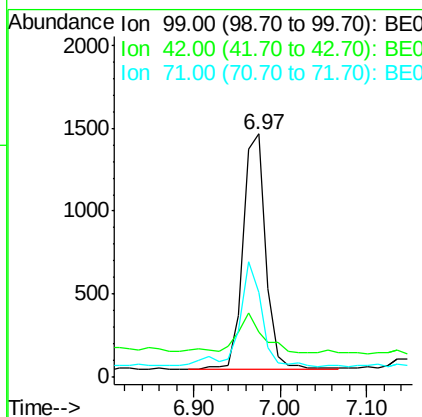
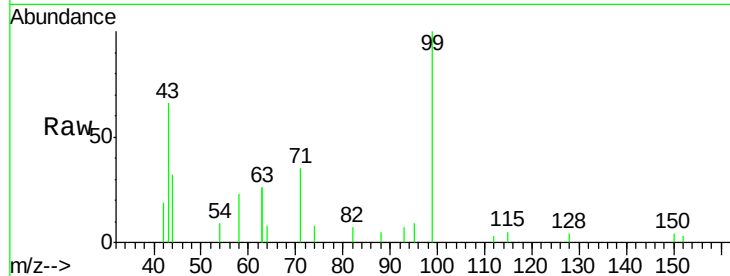
ClientSampleId :

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Tgt Ion:	99	Resp:	2559
Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	44.9	33.0	49.6

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#6

bis(2-Chloroethyl)ether

Concen: 0.256 ng

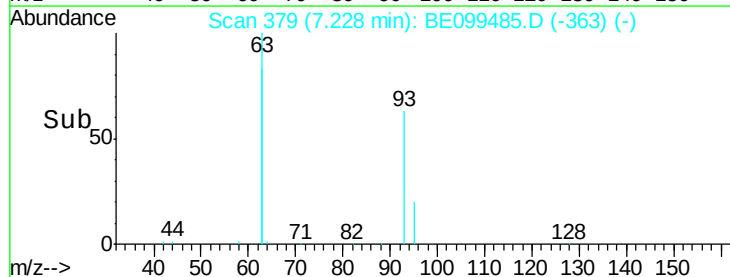
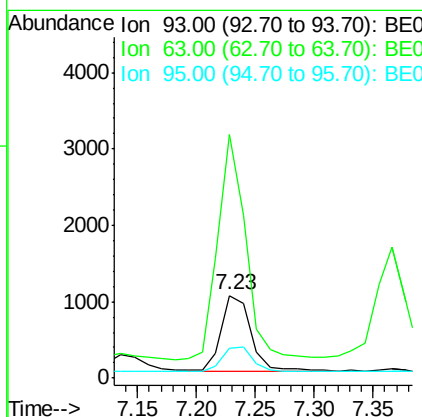
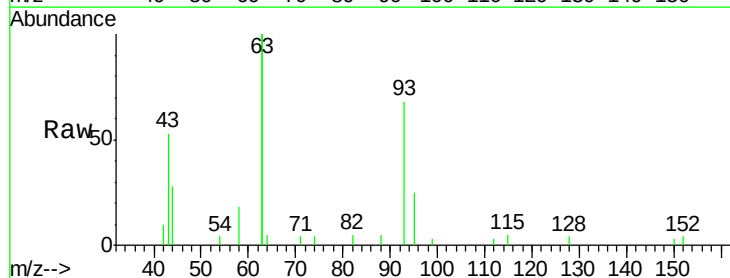
RT: 7.23 min Scan# 379

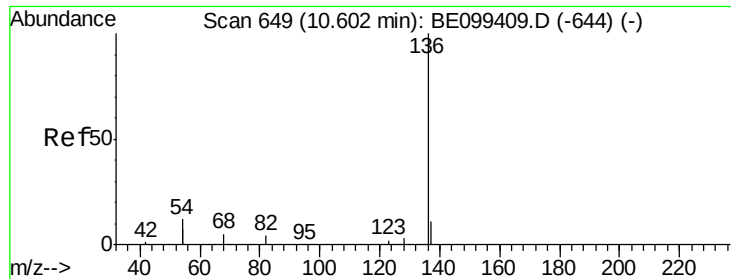
Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Tgt Ion:	93	Resp:	1750
Ion	Ratio	Lower	Upper
93	100		
63	272.9	215.6	323.4
95	33.8	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: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

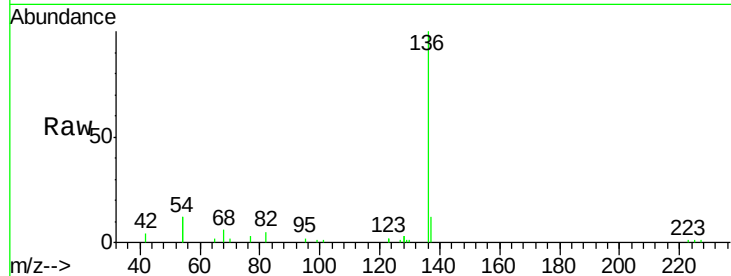
ClientSampleId :

PST-023-SW027-042319MS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.8	14.8
54	23.7	18.5	27.7
68	5.7	4.7	7.1

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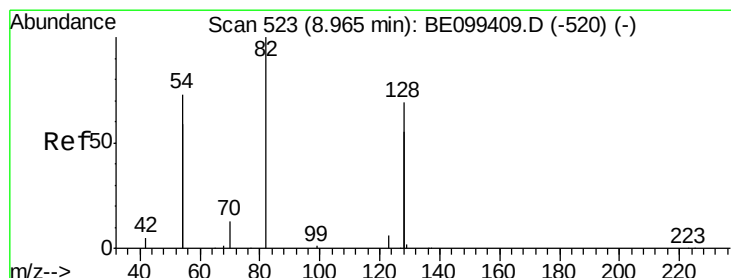
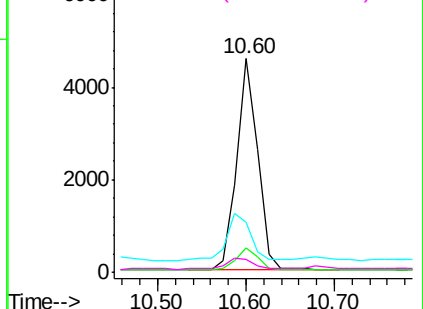
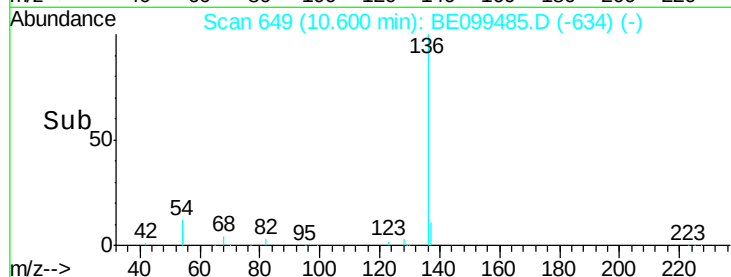


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.278 ng

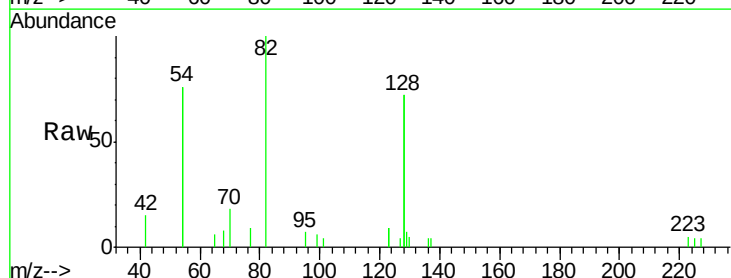
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

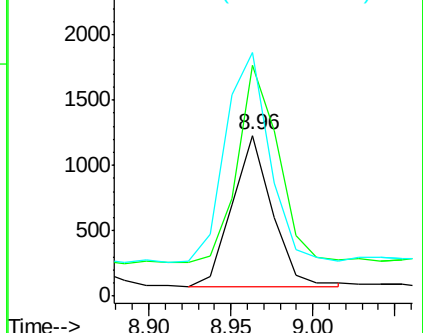
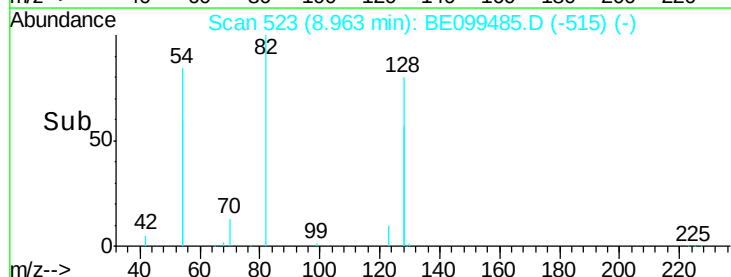
Tgt Ion	Ratio	Lower	Upper
82	100		
128	143.4	107.0	160.4
54	151.5	113.1	169.7

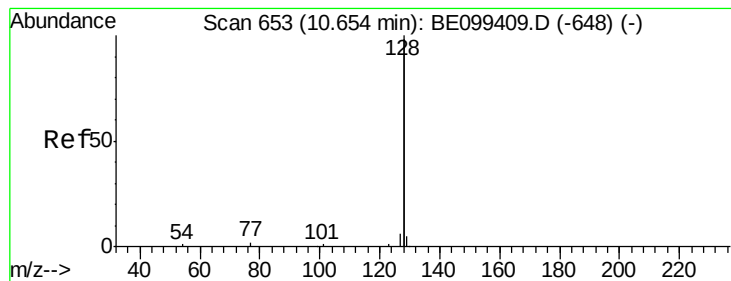


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.600 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

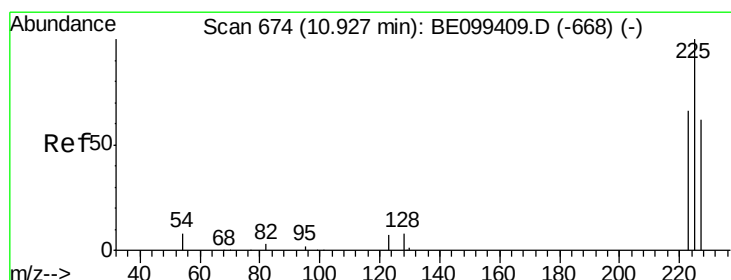
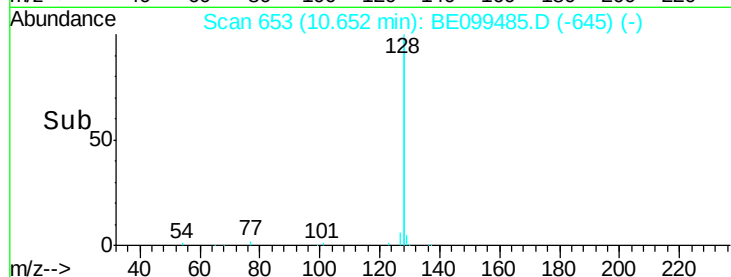
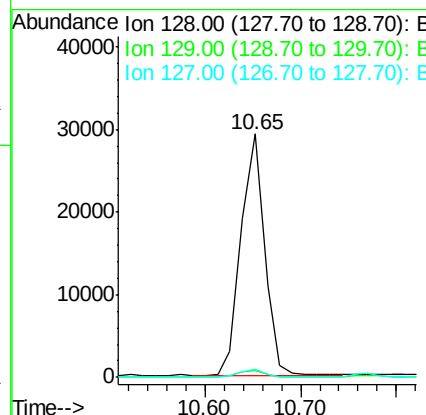
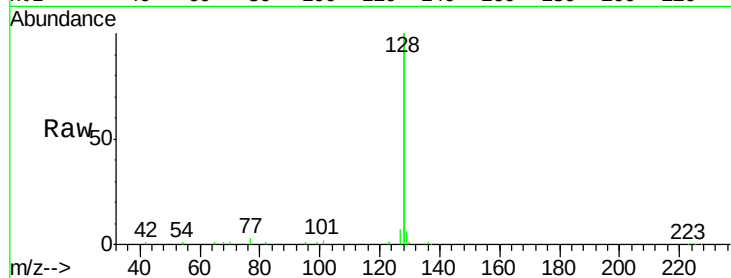
ClientSampleId :

PST-023-SW027-042319MS

Tgt Ion:	128	Resp:	49484
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.4	3.6
127	3.3	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.252 ng

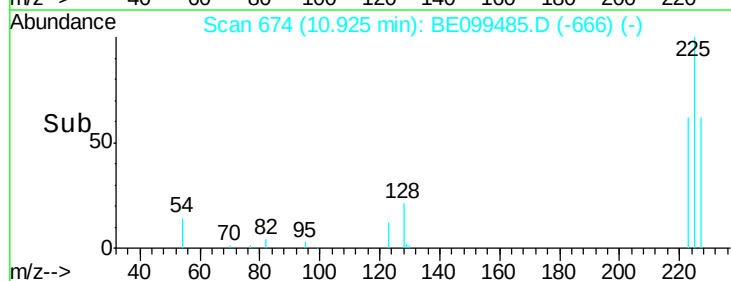
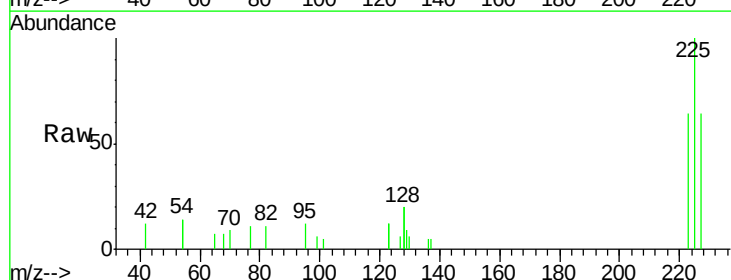
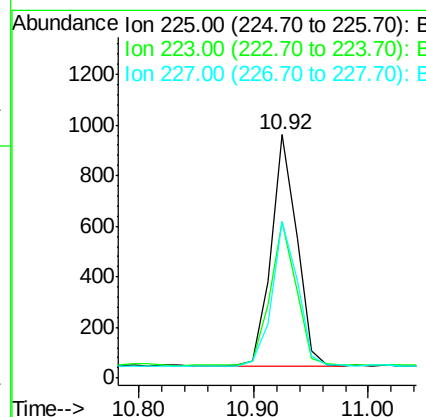
RT: 10.92 min Scan# 674

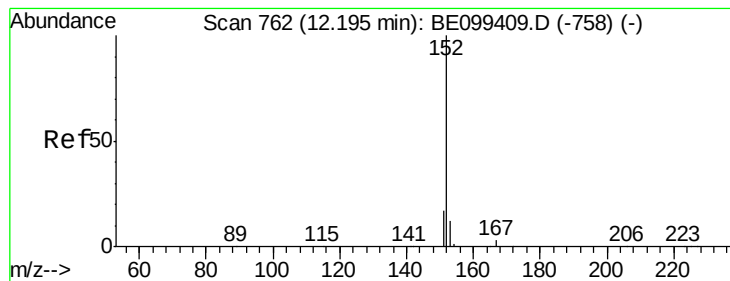
Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Tgt Ion:	225	Resp:	1443
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.0	76.6
227	62.0	50.9	76.3





#11

2-Methylnaphthalene-d10

Concen: 0.240 ng m

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS

Tgt Ion:152 Resp: 3276

Ion Ratio Lower Upper

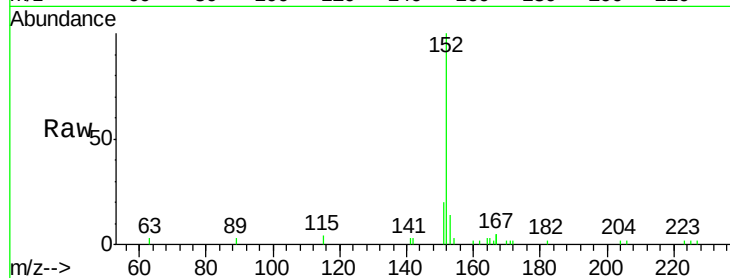
152 100

151 20.4 15.5 23.3

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

1000

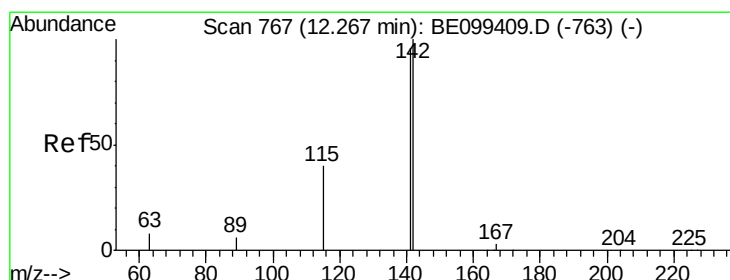
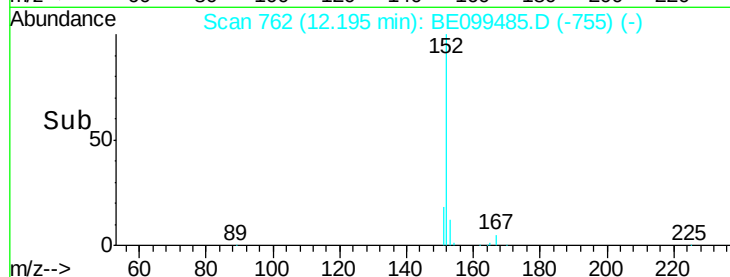
500

0

12.20

12.30

Time-->



#12

2-Methylnaphthalene

Concen: 1.983 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

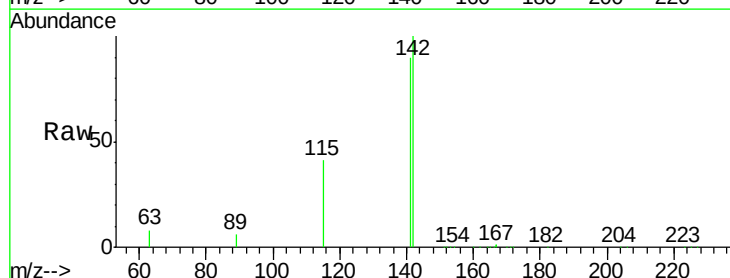
Tgt Ion:142 Resp: 28431

Ion Ratio Lower Upper

142 100

141 89.9 77.0 115.4

115 41.4 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

25000

20000

15000

10000

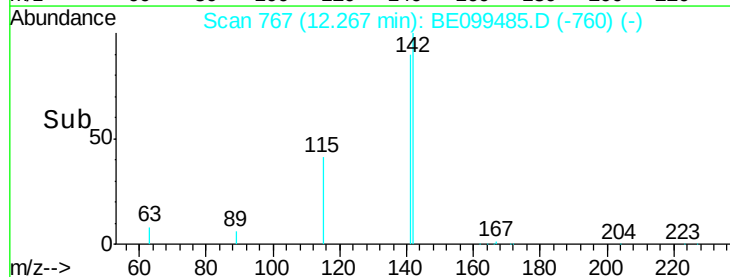
5000

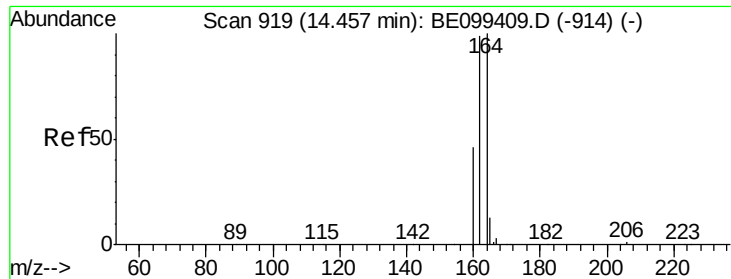
0

12.27

12.30

Time-->





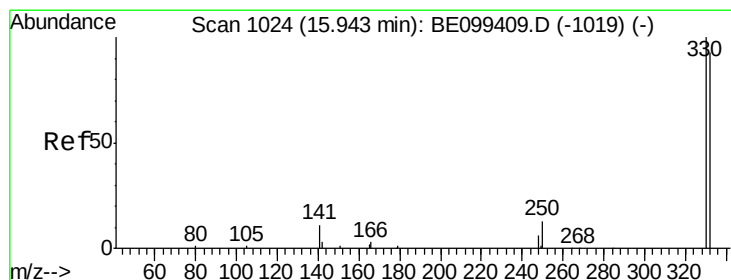
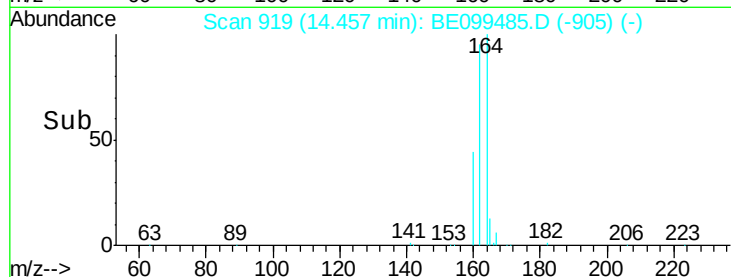
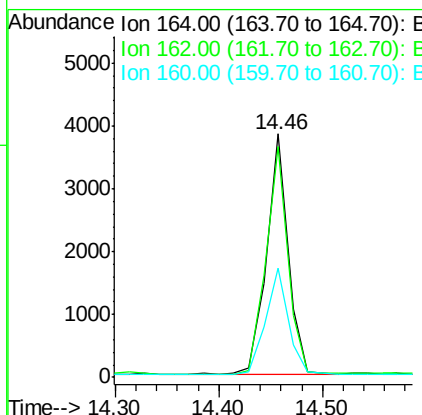
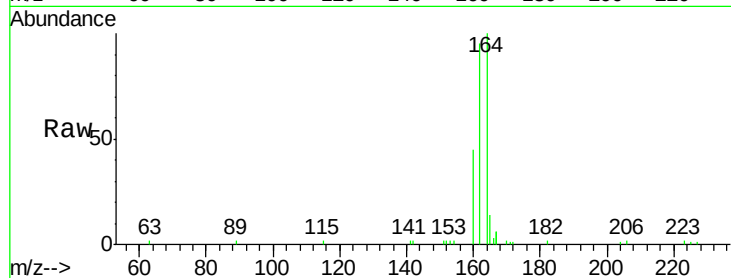
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099485.D
 Acq: 2 May 2019 4:36

Instrument :
 BNA_E
 ClientSampleId :
 PST-023-SW027-042319MS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	79.0	118.4
160	45.1	37.0	55.4

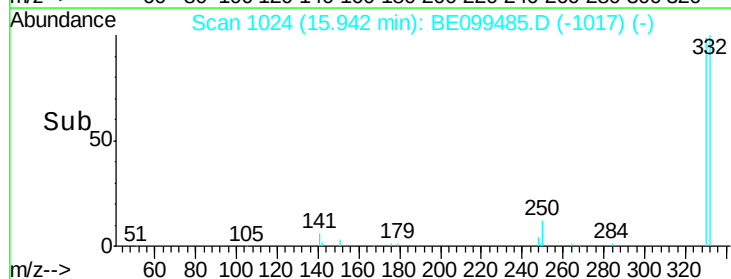
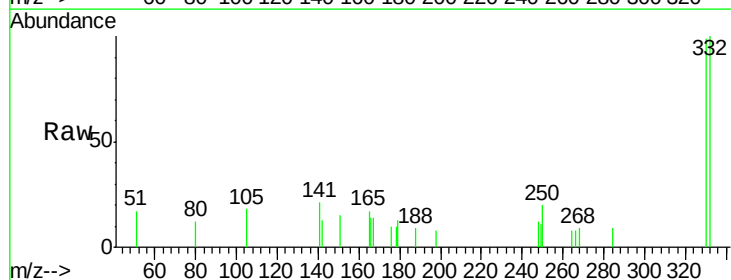
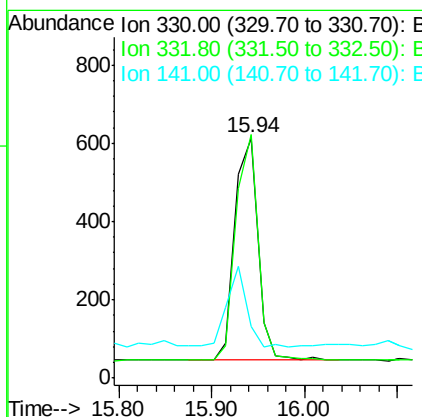
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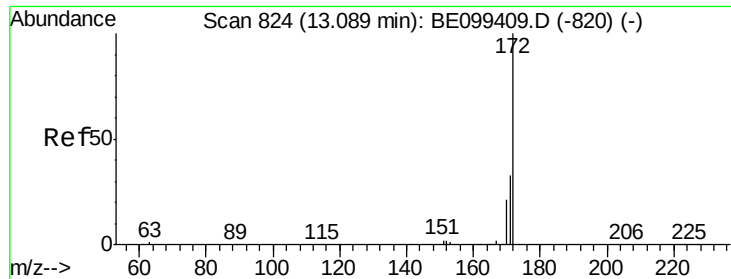
Sohil
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#14
 2,4,6-Tribromophenol
 Concen: 0.273 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099485.D
 Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	71.5	107.3
141	31.6	24.0	36.0





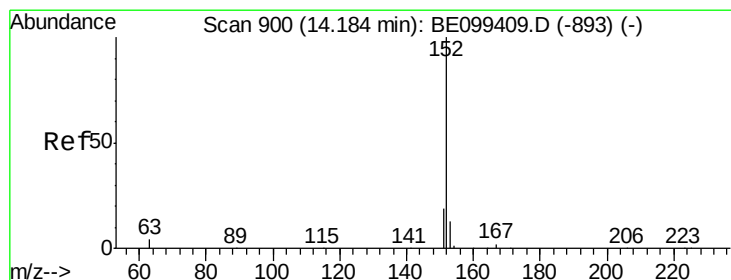
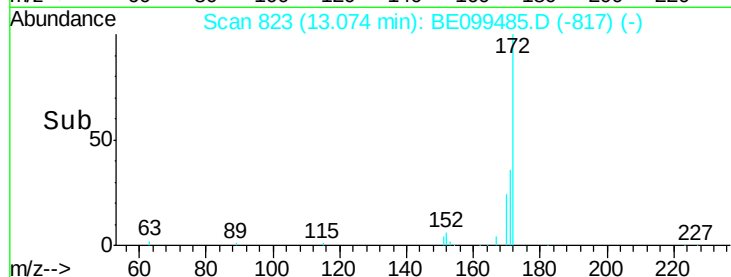
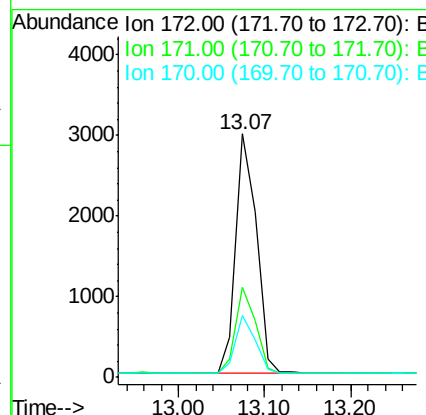
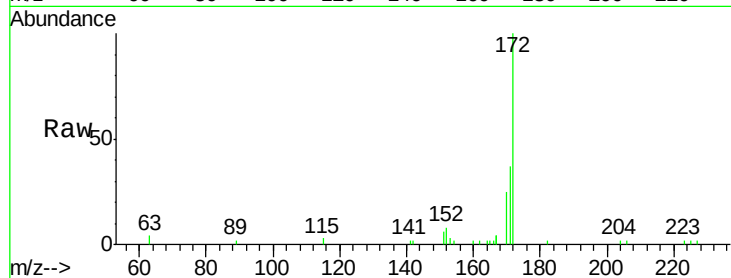
#15
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.6	39.8
170	25.5	17.0	25.6

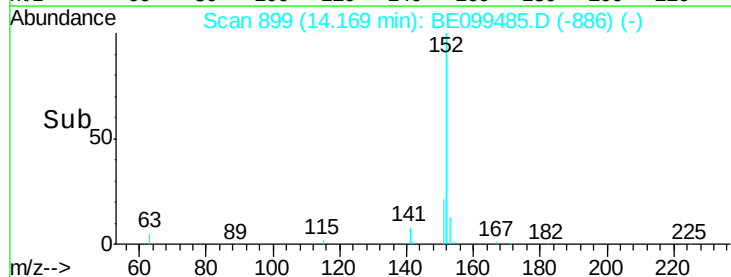
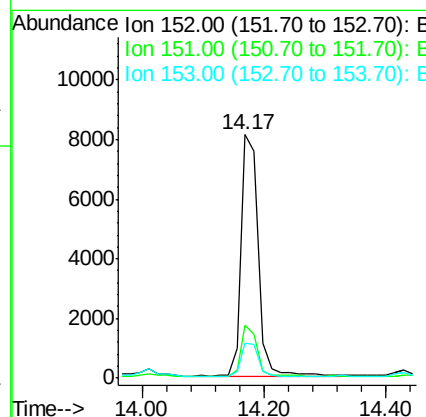
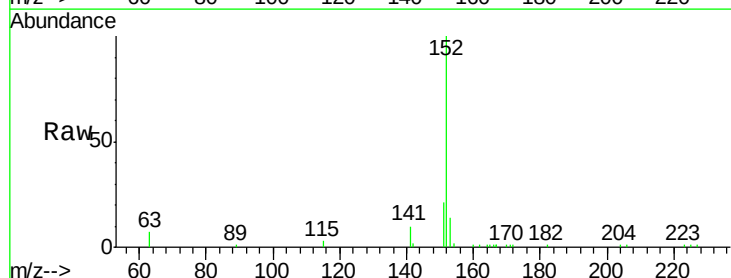
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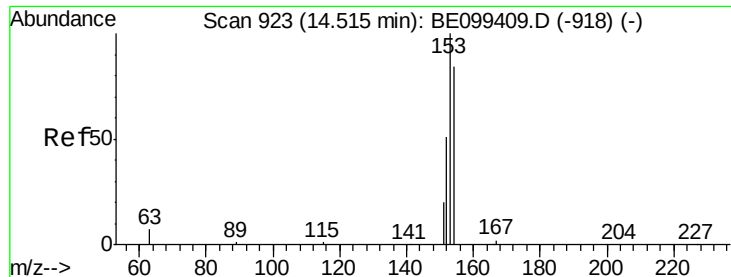
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#16
Acenaphthylene
Concen: 0.588 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	14.0	9.8	14.6





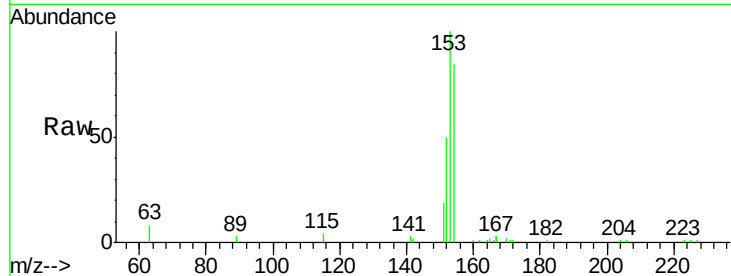
#17
Acenaphthene
Concen: 0.313 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319MS

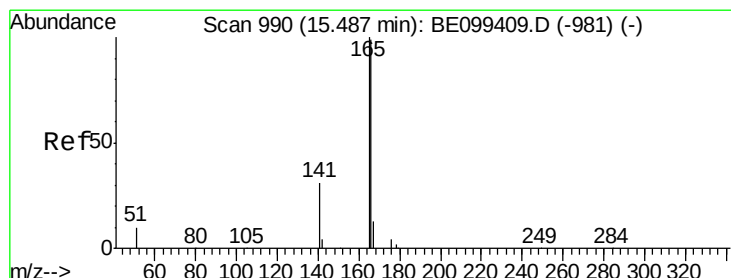
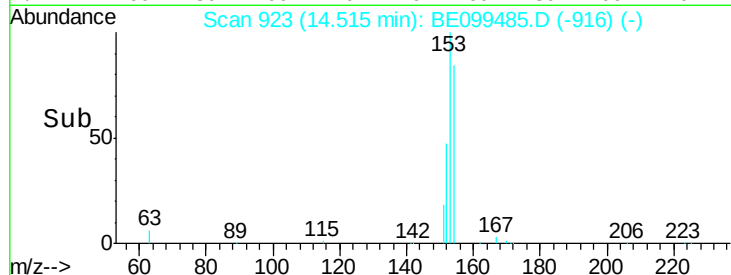
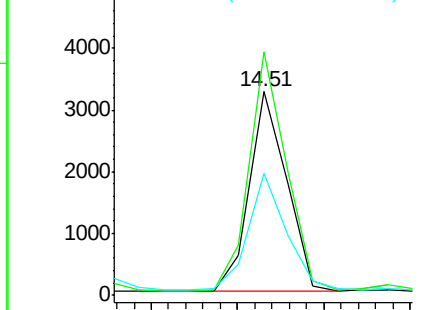
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	119.1	4880	92.6	138.8
152	59.7		45.8	68.8

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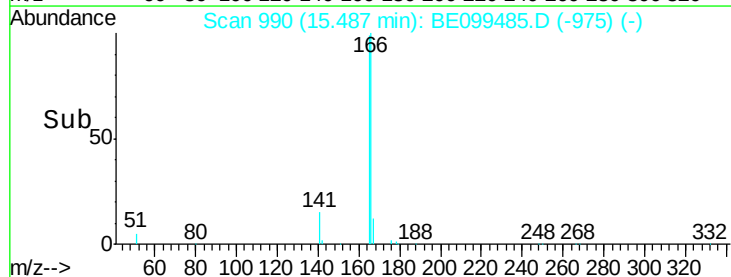
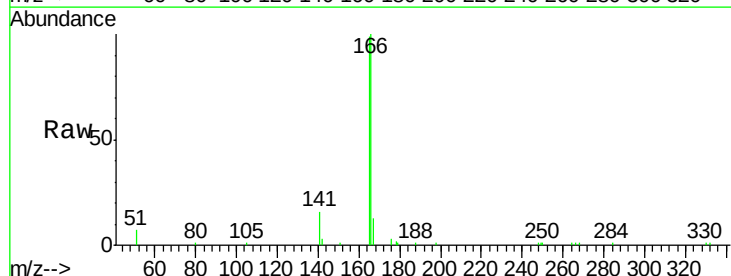
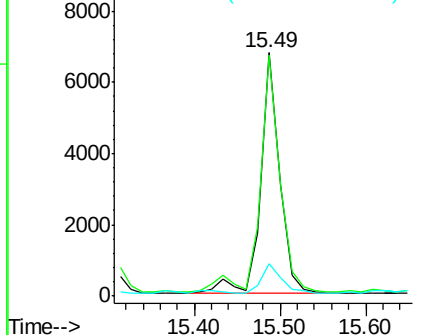
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

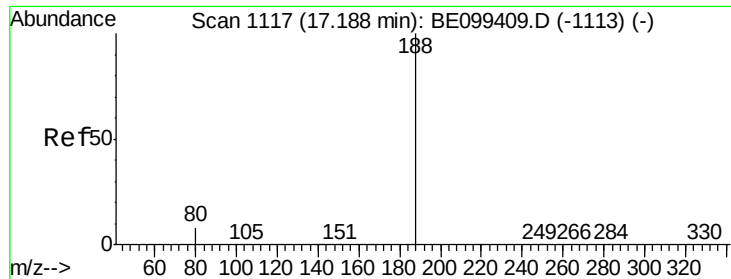


#18
Fluorene
Concen: 0.453 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	10435		
165	102.4		80.3	120.5
167	13.0		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





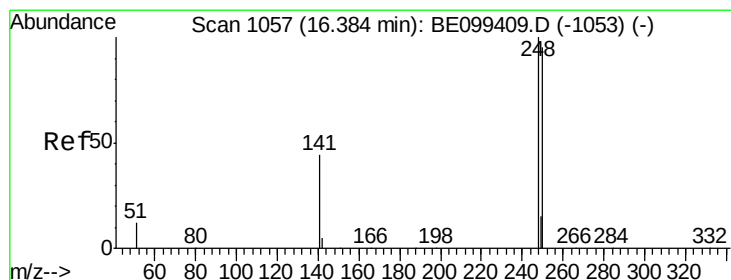
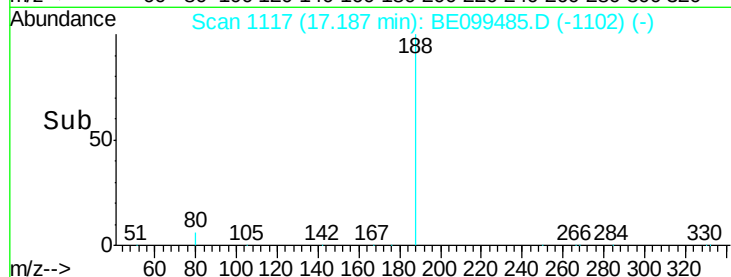
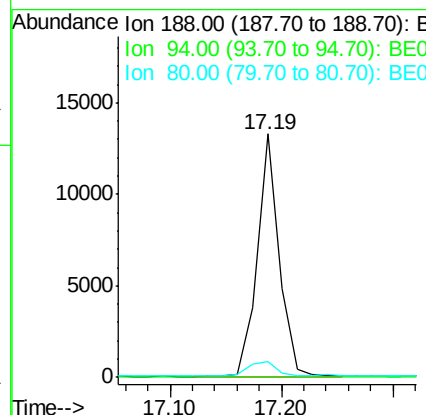
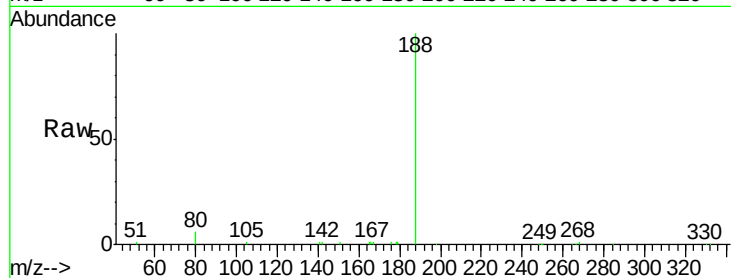
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BE099485.D
 Acq: 2 May 2019 4:36

Instrument :
 BNA_E
 ClientSampleId :
 PST-023-SW027-042319MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.7	10.1

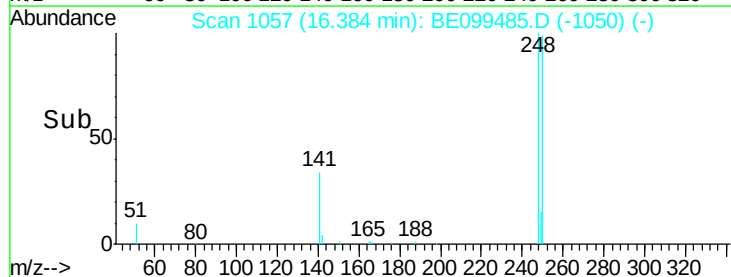
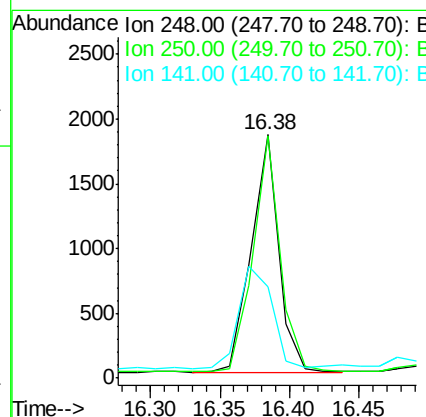
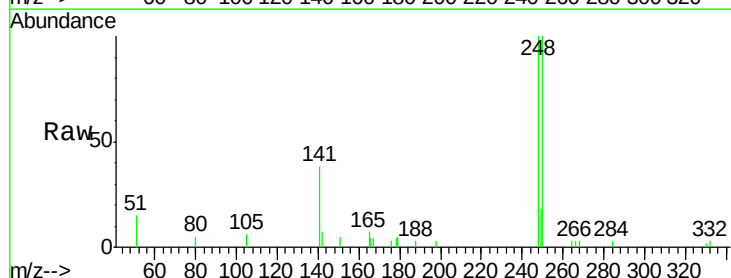
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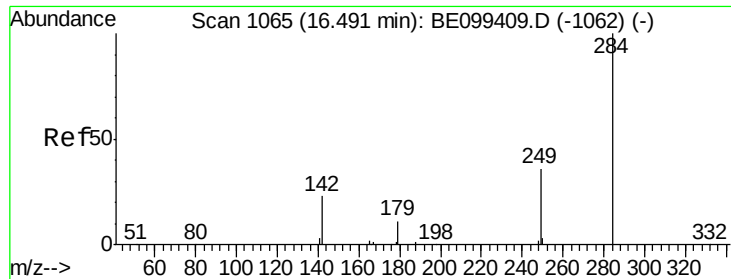
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#20
 4-Bromophenyl-phenylether
 Concen: 0.238 ng
 RT: 16.38 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BE099485.D
 Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	99.7	75.8	113.8
141	37.7	35.7	53.5





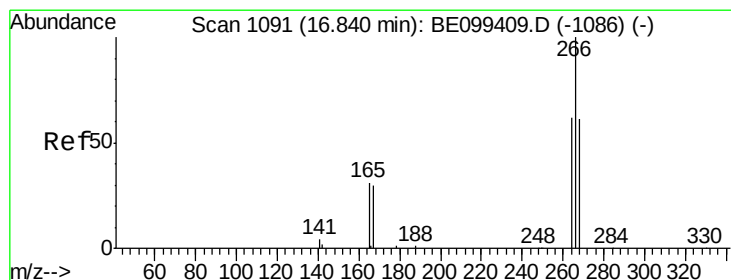
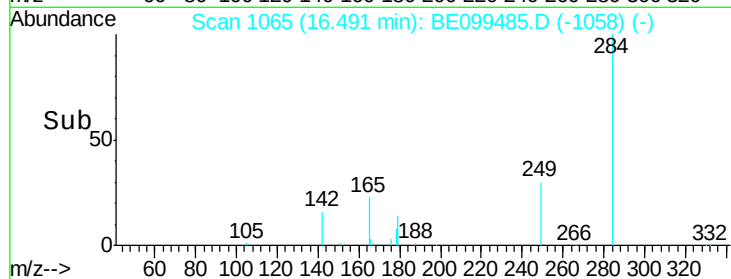
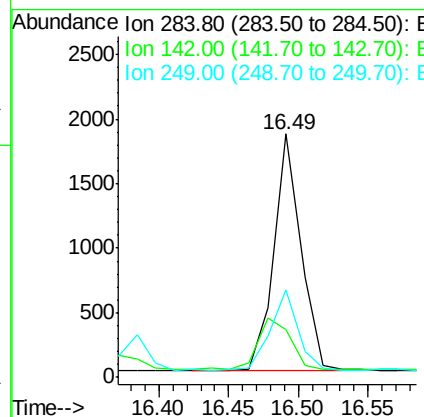
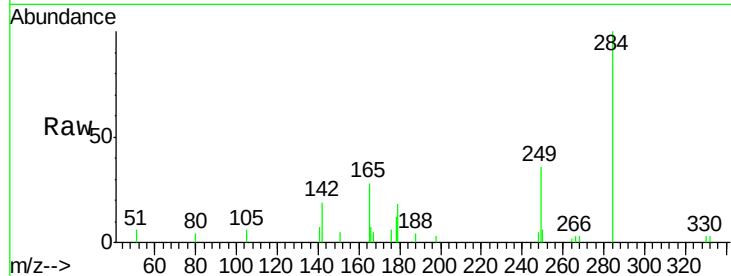
#21
Hexachlorobenzene
Concen: 0.249 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.0	31.6
249	34.5	26.7	40.1

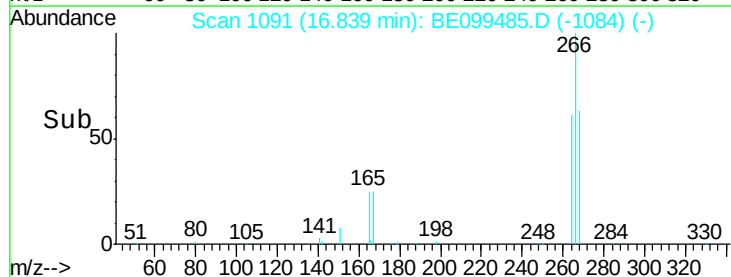
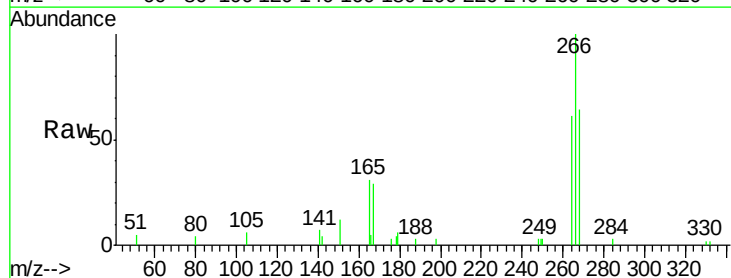
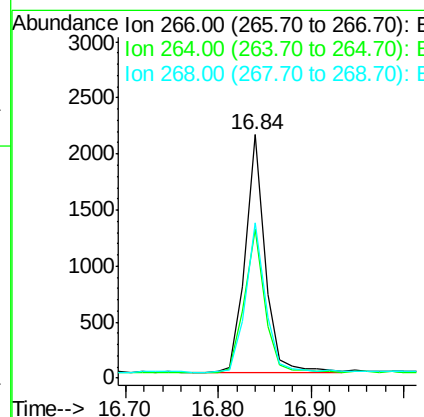
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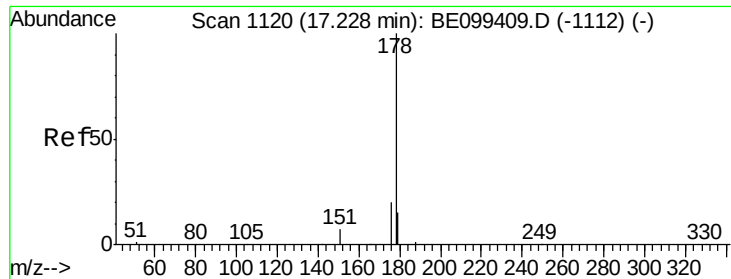
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#22
Pentachlorophenol
Concen: 0.735 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.8	76.2
268	63.8	50.5	75.7





#23

Phenanthrene

Concen: 0.914 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

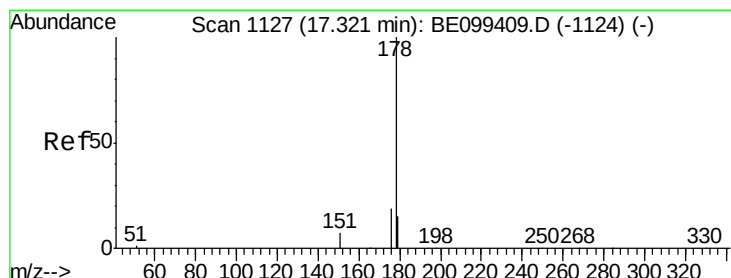
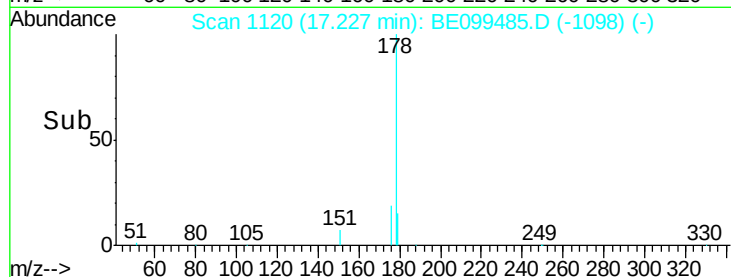
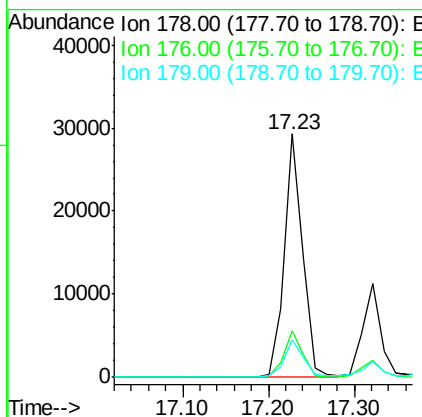
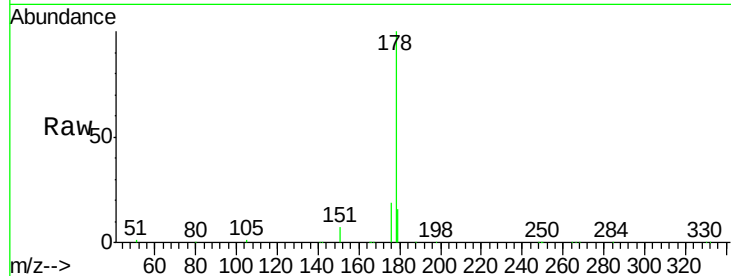
ClientSampleId :

PST-023-SW027-042319MS

Tgt Ion:	178	Resp:	42586
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.6	23.4
179	15.8	12.0	18.0

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#24

Anthracene

Concen: 0.360 ng

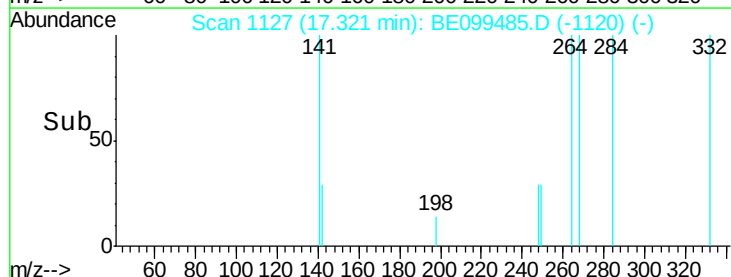
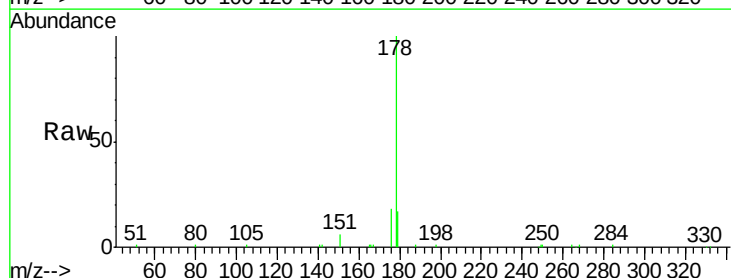
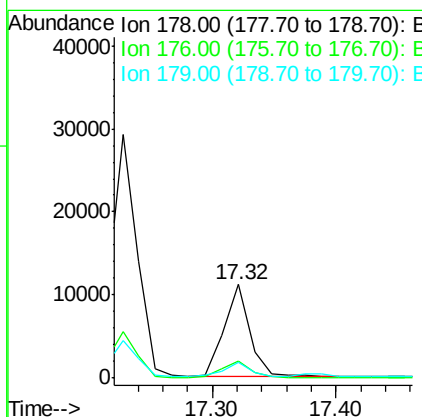
RT: 17.32 min Scan# 1127

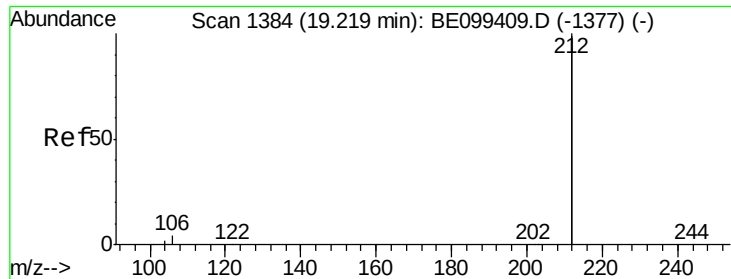
Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Tgt Ion:	178	Resp:	15983
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.9	22.3
179	16.2	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.230 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

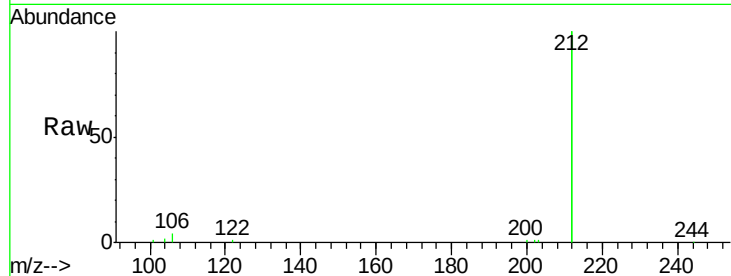
ClientSampleId :

PST-023-SW027-042319MS

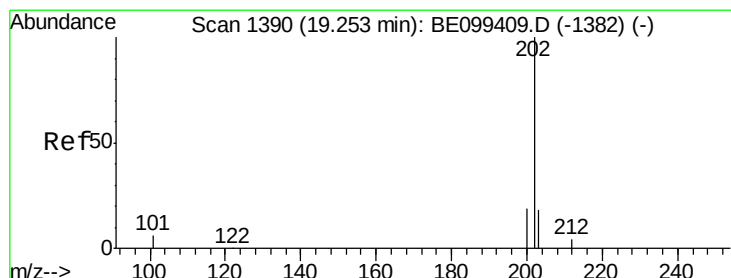
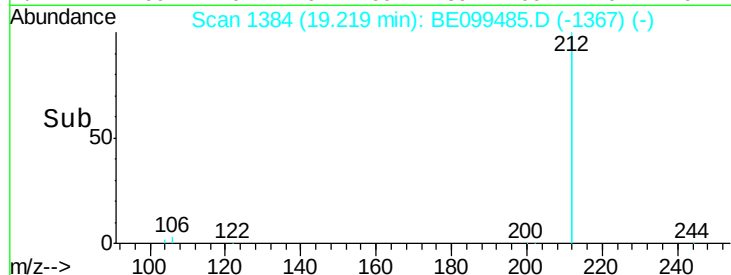
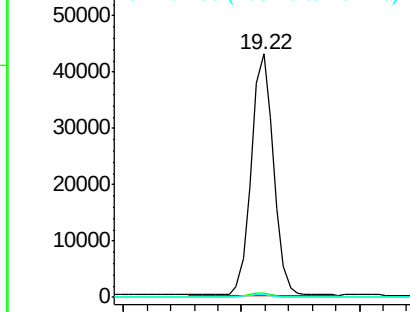
Tgt Ion	Ratio	Resp	Lower	Upper
212	100	55867		
106	1.8		1.5	2.3
104	1.2		0.9	1.3

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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: 0.959 ng

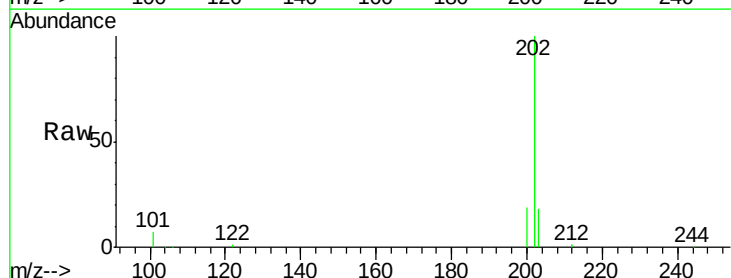
RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

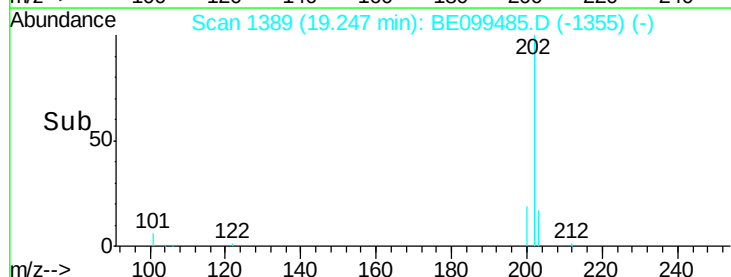
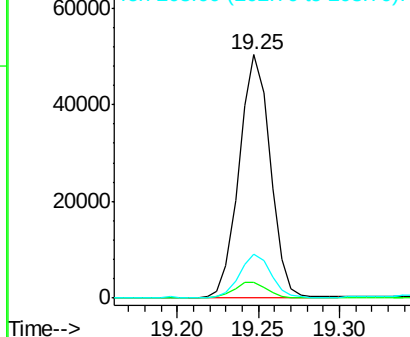
Lab File: BE099485.D

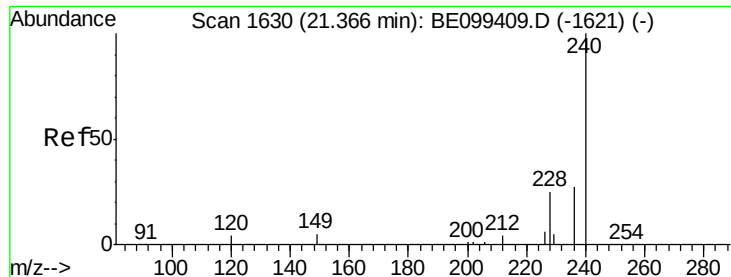
Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	66887		
101	6.7		5.4	8.0
203	17.3		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: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

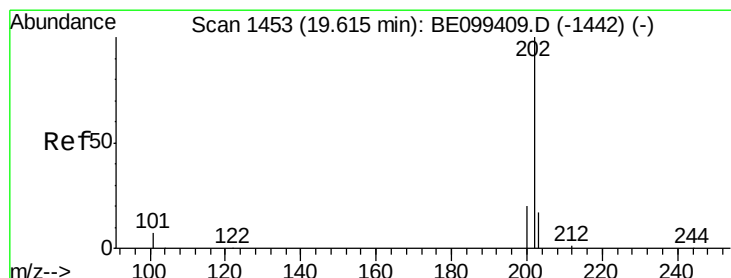
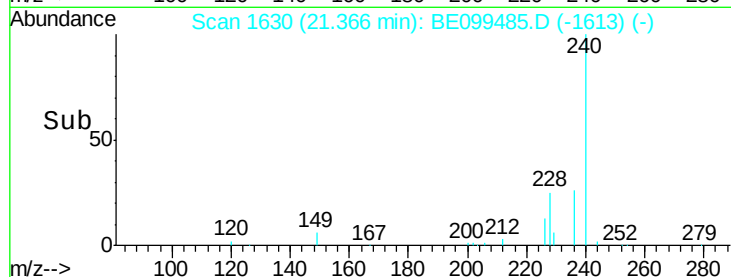
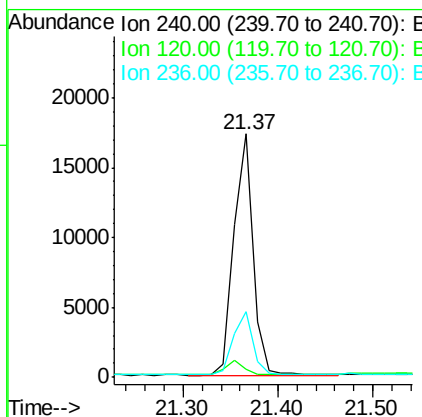
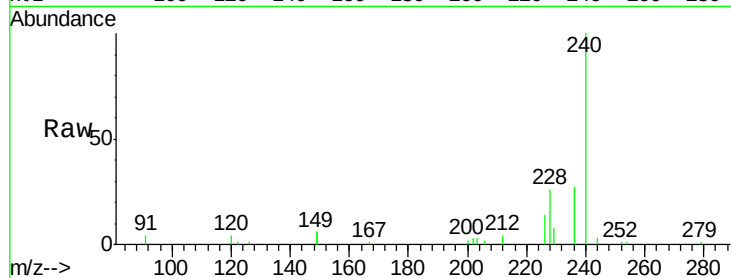
ClientSampleId :

PST-023-SW027-042319MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	24345		
120	3.5	4.0	6.0	
236	27.1	22.0	33.0	

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#28

Pyrene

Concen: 1.061 ng

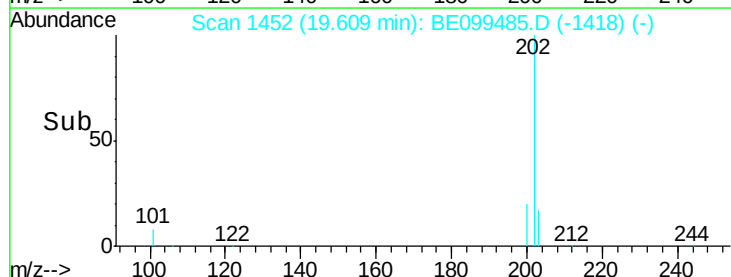
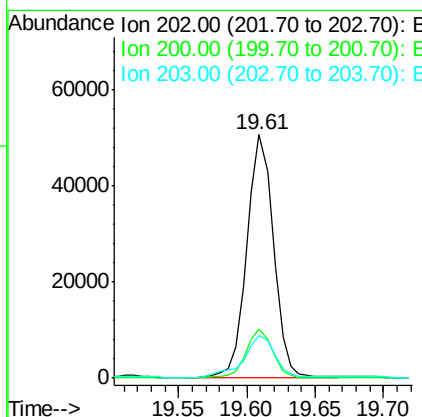
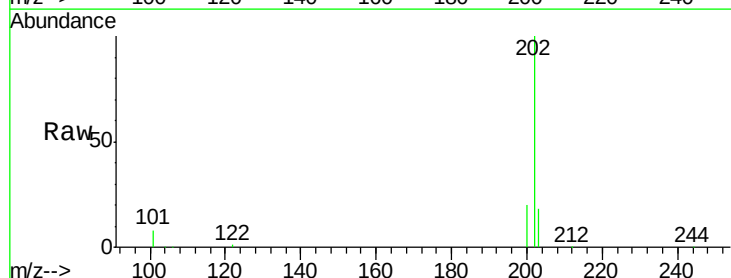
RT: 19.61 min Scan# 1452

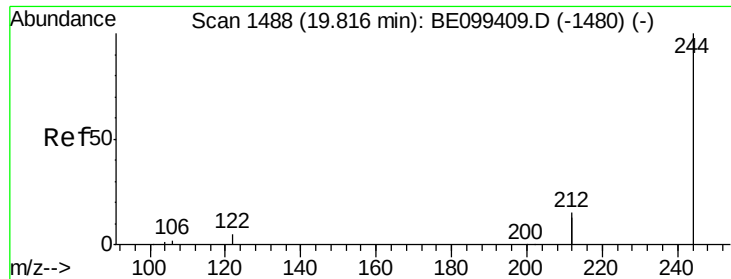
Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	67319		
200	19.7	15.7	23.5	
203	19.8	13.9	20.9	





#29

Terphenyl-d14

Concen: 0.275 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099485.D

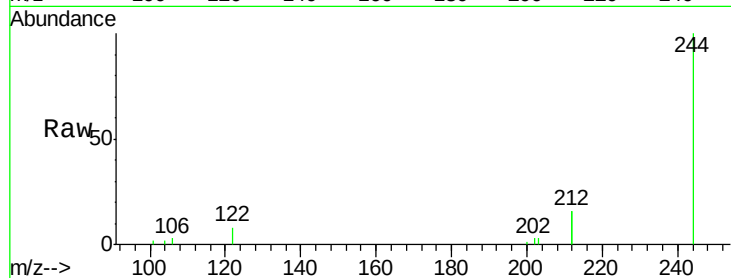
Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

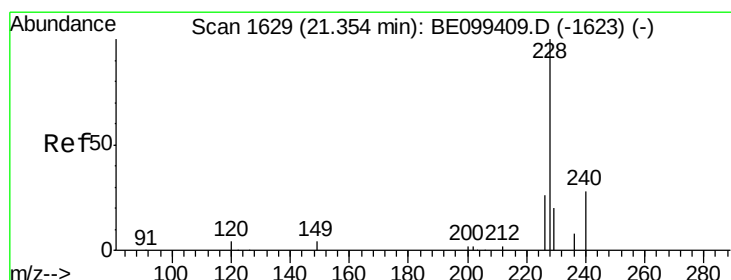
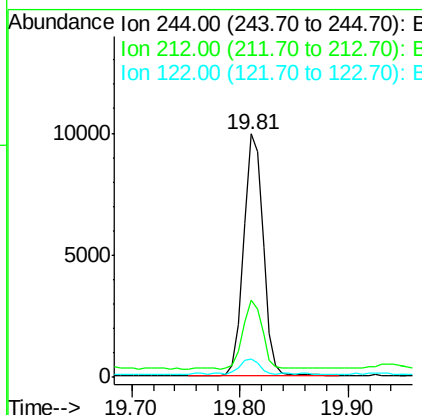
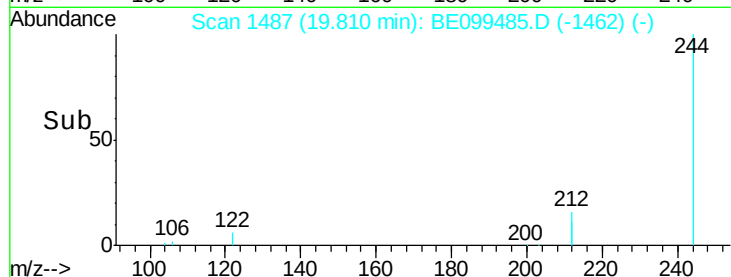
PST-023-SW027-042319MS



Tgt Ion:	244	Resp:	12278
Ion Ratio	Lower	Upper	
244	100		
212	31.8	23.2	34.8
122	7.7	4.2	6.4

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#30

Benzo(a)anthracene

Concen: 0.672 ng

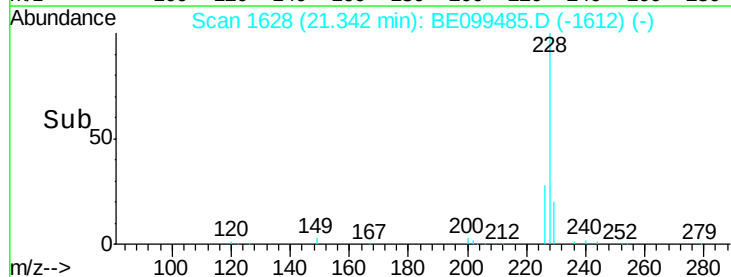
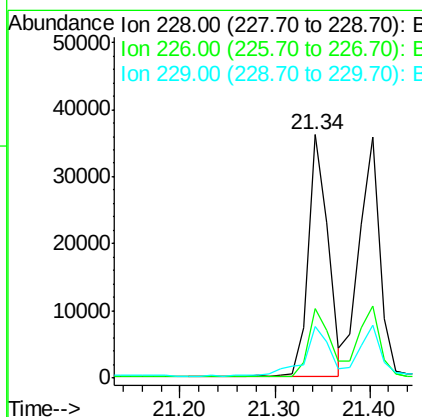
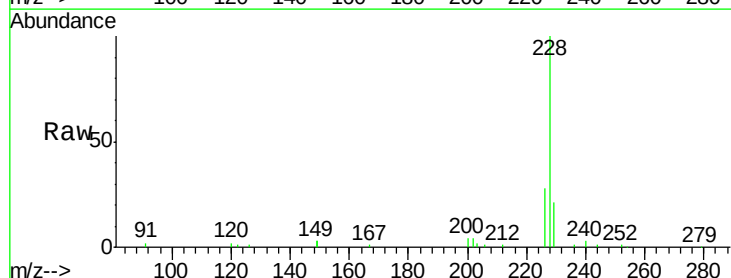
RT: 21.34 min Scan# 1628

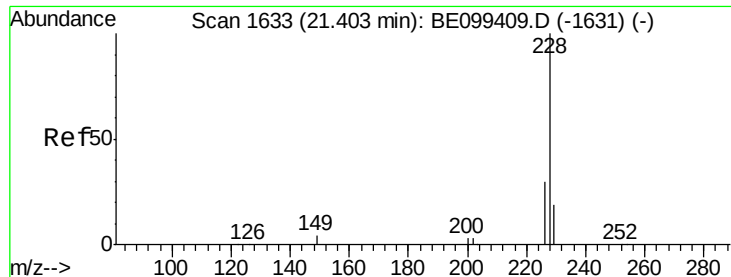
Delta R.T. -0.01 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Tgt Ion:	228	Resp:	52145
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.0	31.6
229	21.0	16.6	25.0





#31

Chrysene

Concen: 0.709 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

Instrument :

BNA_E

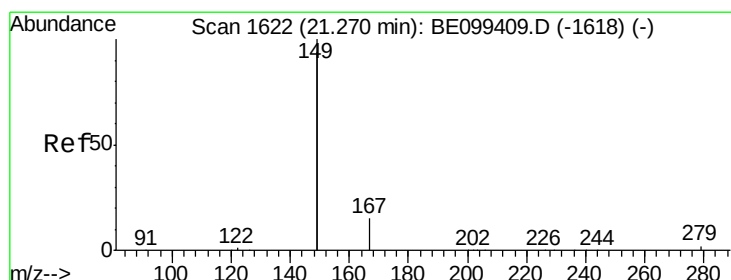
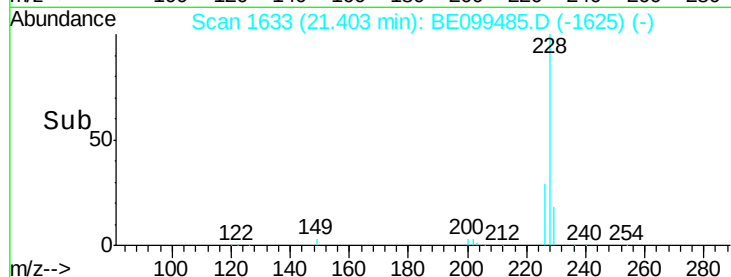
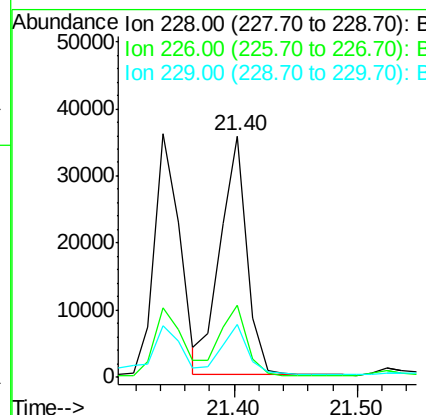
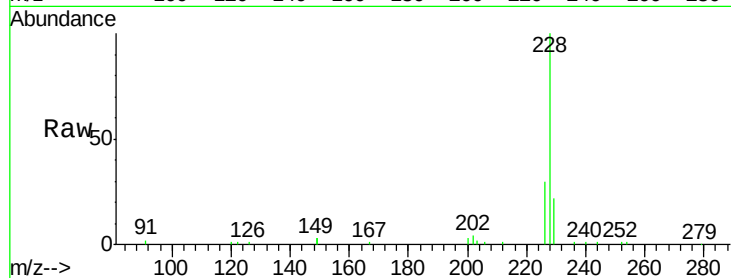
ClientSampleId :

PST-023-SW027-042319MS

Tgt Ion:	228	Resp:	53814
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	21.9	15.8	23.8

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.369 ng

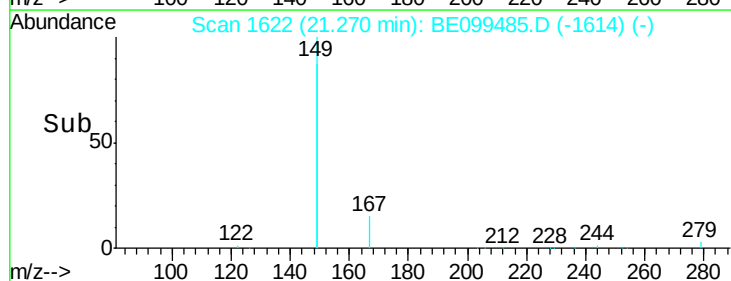
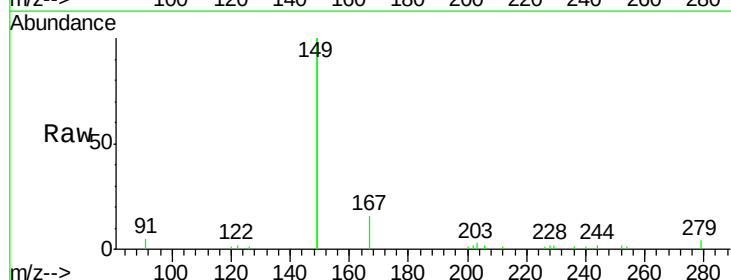
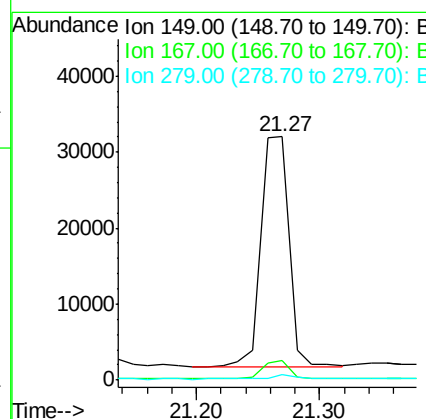
RT: 21.27 min Scan# 1622

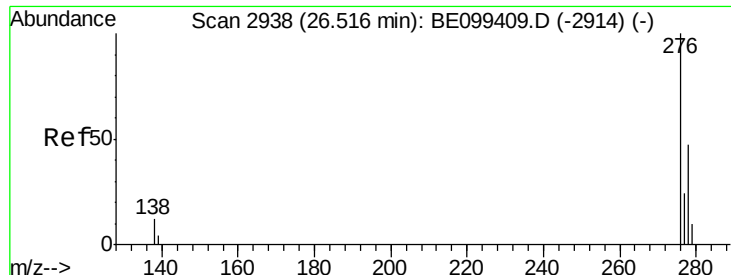
Delta R.T. 0.00 min

Lab File: BE099485.D

Acq: 2 May 2019 4:36

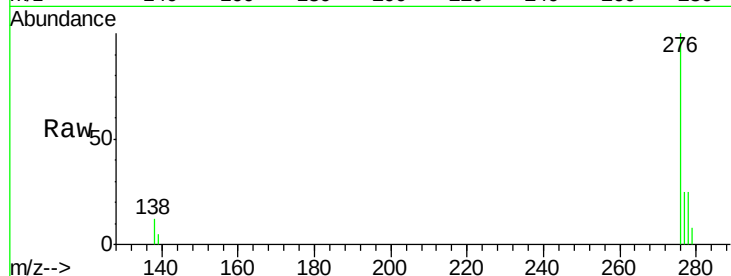
Tgt Ion:	149	Resp:	48174
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.8	8.6
279	1.6	1.0	1.6#





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.525 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. -0.01 min
 Lab File: BE099485.D
 Acq: 2 May 2019 4:36

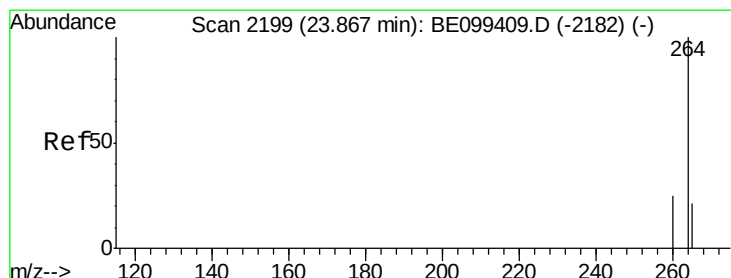
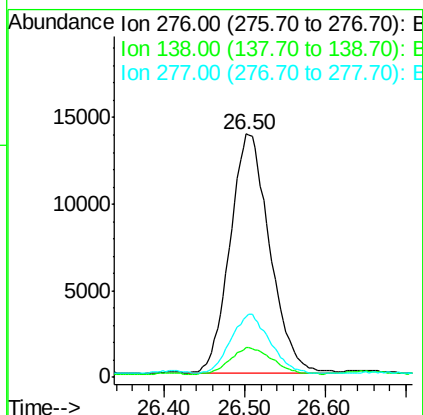
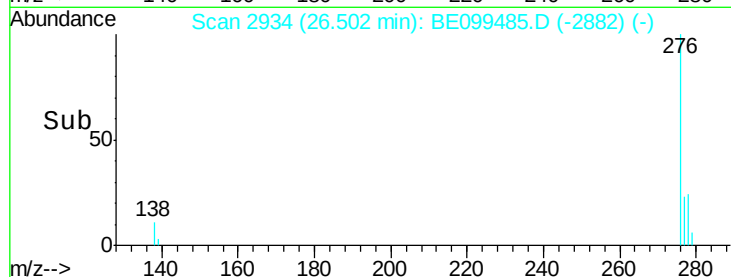
Instrument :
 BNA_E
 ClientSampleId :
 PST-023-SW027-042319MS



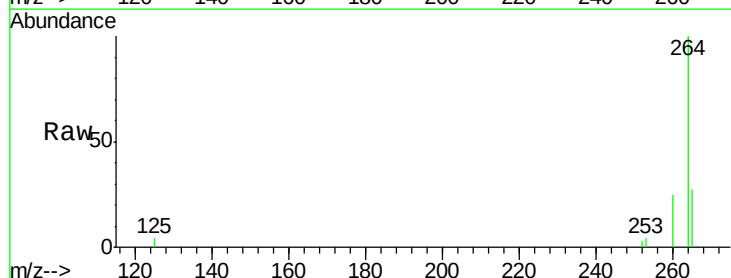
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.0	10.2	15.2
277	24.3	19.2	28.8

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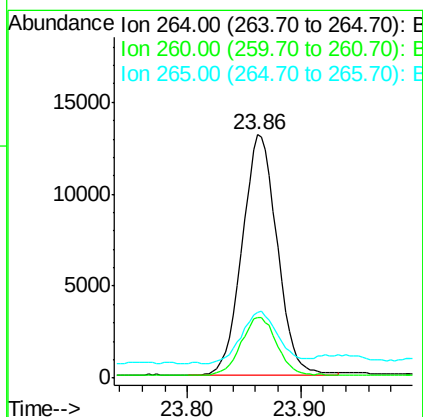
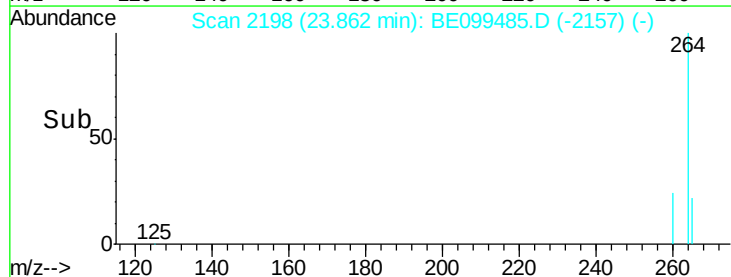
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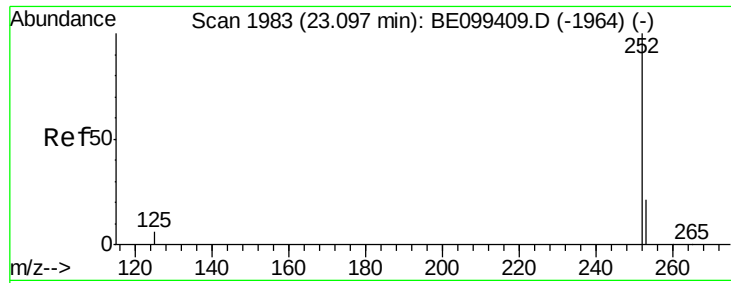


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099485.D
 Acq: 2 May 2019 4:36



Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.9	20.2	30.2
265	27.2	21.3	31.9





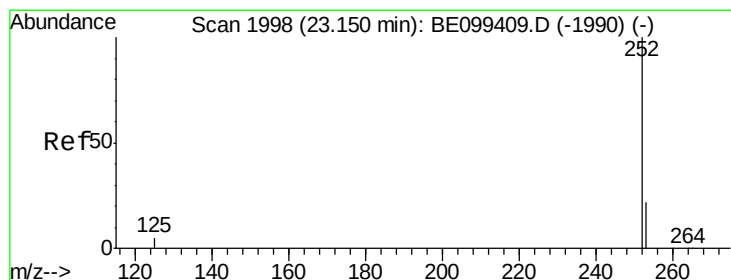
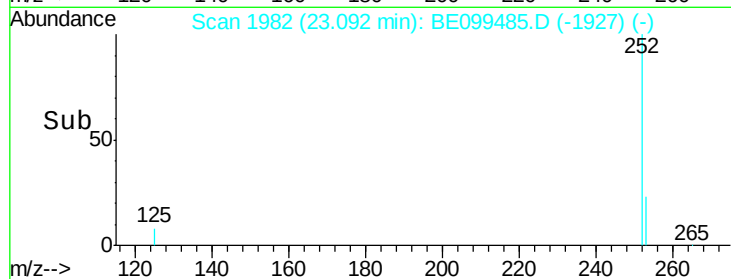
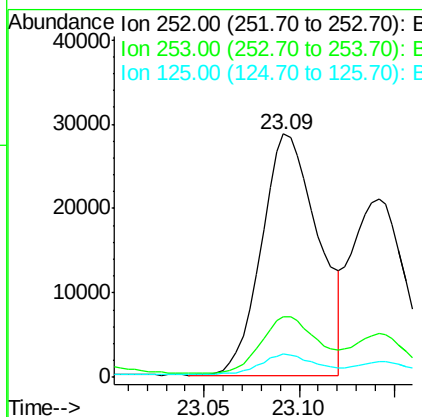
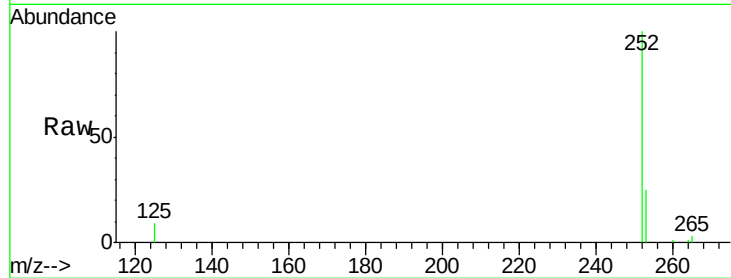
#35
Benzo(b)fluoranthene
Concen: 0.735 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	59371		
253	24.8	18.1	27.1	
125	9.5	5.6	8.4#	

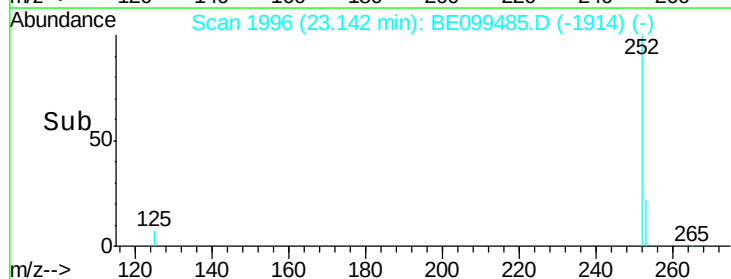
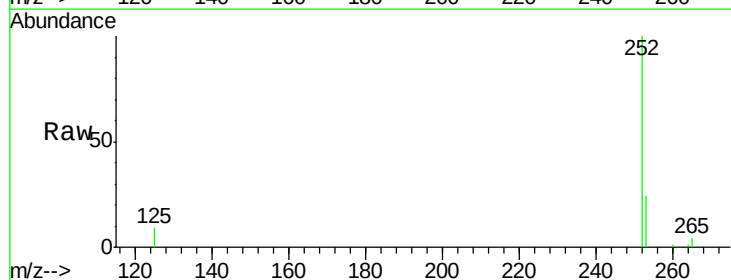
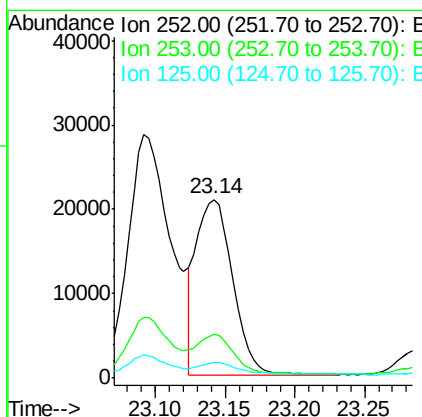
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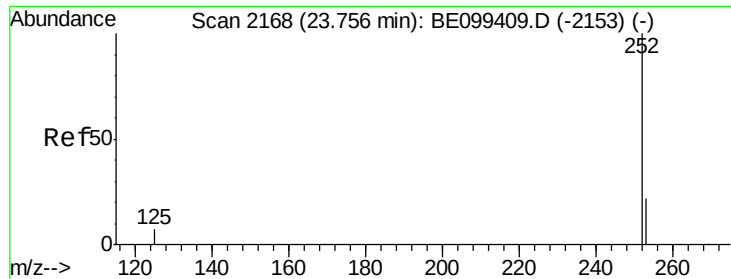
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#36
Benzo(k)fluoranthene
Concen: 0.484 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37716		
253	24.4	18.4	27.6	
125	8.5	5.0	7.4#	





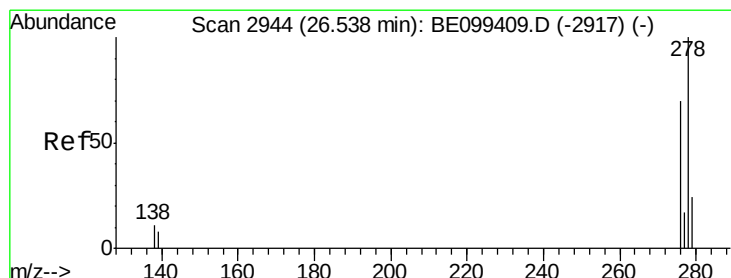
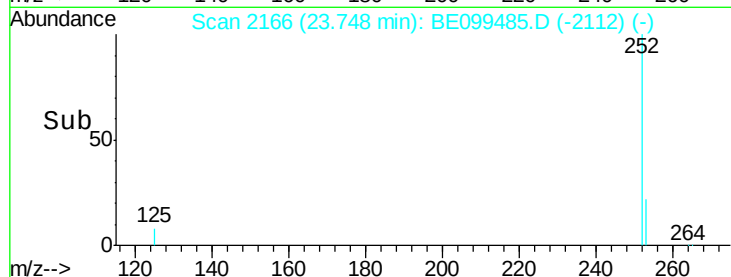
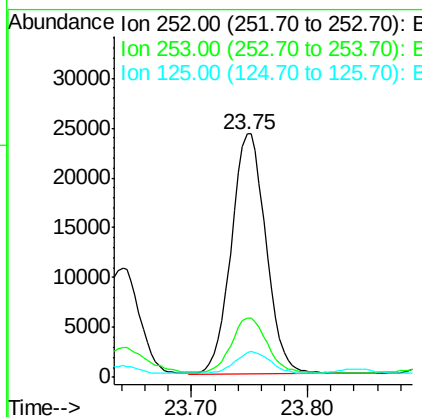
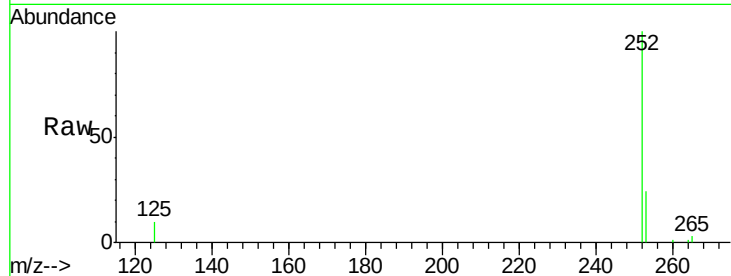
#37
Benzo(a)pyrene
Concen: 0.651 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Instrument :
BNA_E
ClientSampleId :
PST-023-SW027-042319MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.9	28.3
125	9.9	6.7	10.1

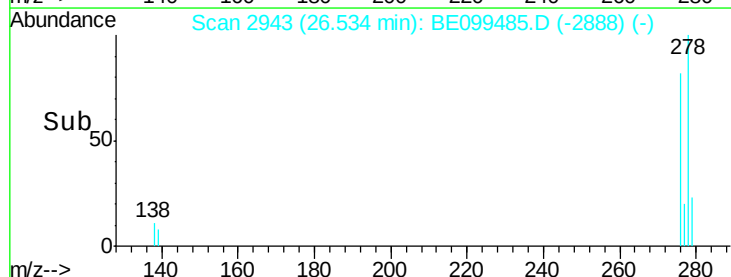
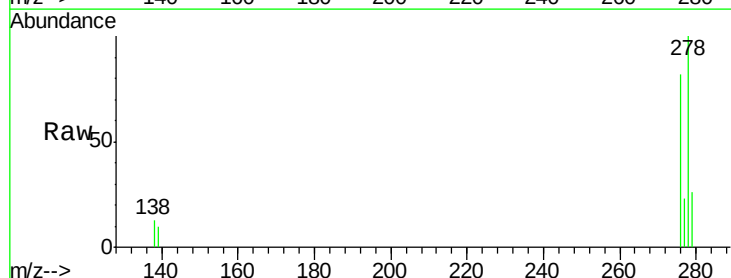
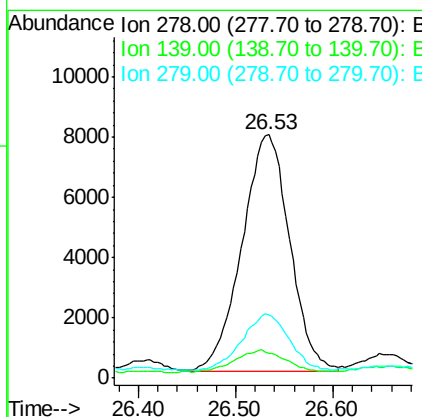
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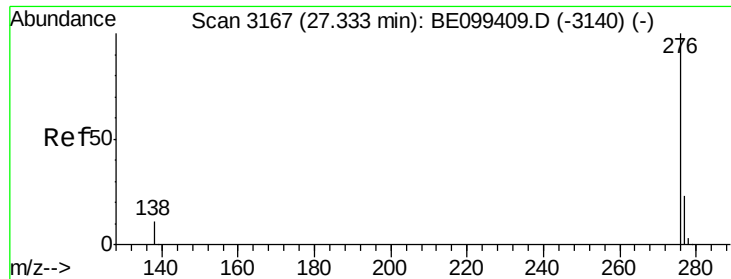
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#38
Dibenzo(a,h)anthracene
Concen: 0.342 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BE099485.D
Acq: 2 May 2019 4:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.0	7.7	11.5
279	26.1	20.2	30.2





#39

Benzo(g,h,i)perylene

Concen: 0.561 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BE099485.D

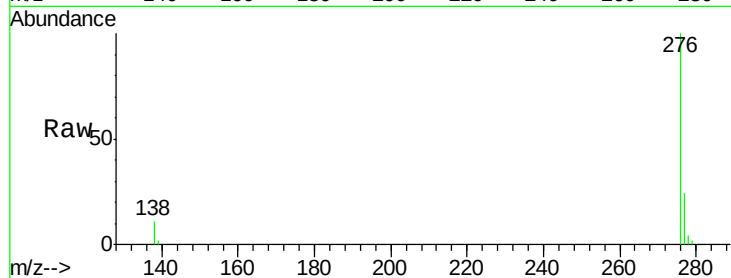
Acq: 2 May 2019 4:36

Instrument :

BNA_E

ClientSampleId :

PST-023-SW027-042319MS



Tgt Ion:	276	Resp:	43941
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.5	29.3
138	11.0	9.6	14.4

Manual Integrations
APPROVED

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