

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050619\
 Data File : BE099550.D
 Acq On : 6 May 2019 13:38
 Operator : JU/SJ
 Sample : K2589-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-SW098-042419

Manual Integrations
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 5/7/2019 3:11:08 PM

Quant Time: May 07 12:35:22 2019

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 07 08:07:29 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2079	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	7429	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5220	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15158	0.40	ng	0.00
27) Chrysene-d12	21.43	240	21971	0.40	ng	-0.01
34) Perylene-d12	23.98	264	25638	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	1935	0.34	ng	0.00
5) Phenol-d6	6.99	99	2785	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2331	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4052	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.98	330	1220	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	5864	0.29	ng	0.00
25) Fluoranthene-d10	19.28	212	59713	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	11828	0.29	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.28	178	3186	0.081	ng	98
26) Fluoranthene	19.31	202	9184	0.157	ng	99
28) Pyrene	19.67	202	9774	0.171	ng	96
30) Benzo(a)anthracene	21.41	228	6344	0.091	ng	# 87
31) Chrysene	21.47	228	6818	0.100	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.33	149	11417	0.044	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.69	276	4541	0.056	ng	99
35) Benzo(b)fluoranthene	23.20	252	8793	0.119	ng	# 52
36) Benzo(k)fluoranthene	23.25	252	3189m	0.045	ng	
37) Benzo(a)pyrene	23.87	252	6009	0.086	ng	# 59
39) Benzo(a,h,i)perylene	27.53	276	4677	0.065	ng	# 76

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

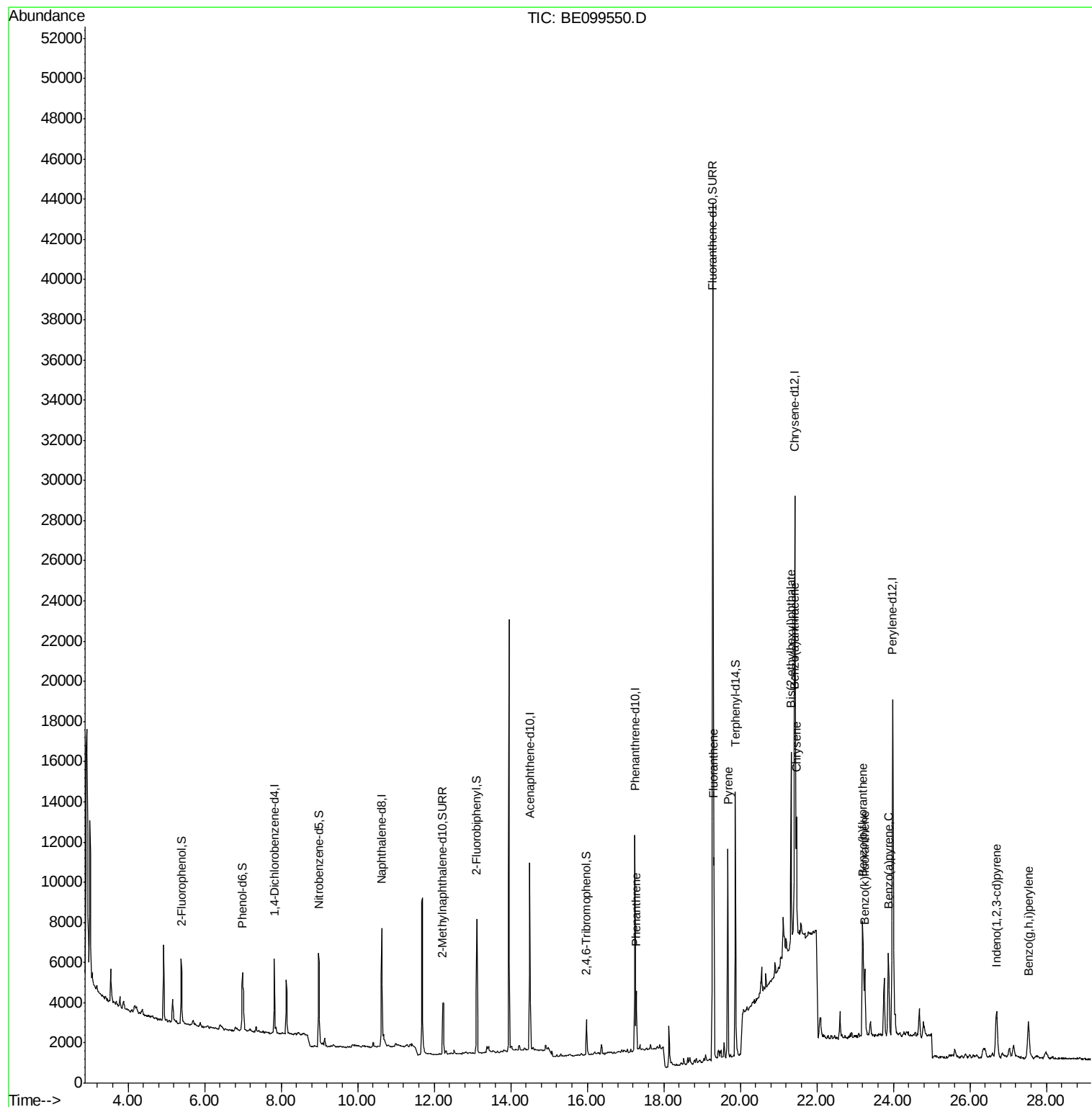
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050619\
Data File : BE099550.D
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Operator : JU/SJ
Sample : K2589-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

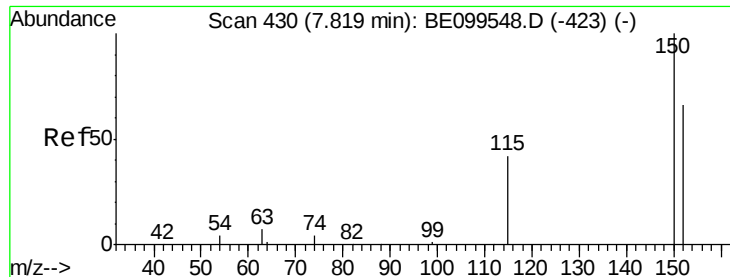
Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Quant Time: May 07 12:35:22 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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#1

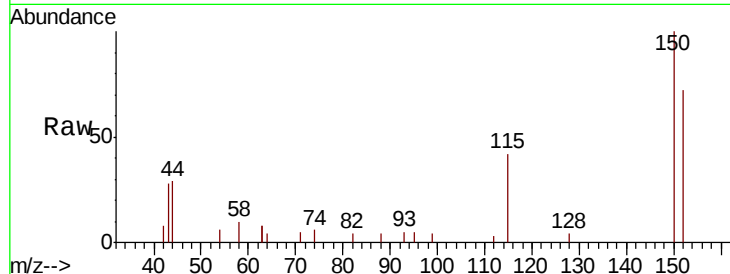
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.1	104.8	157.2
115	58.7	46.6	69.8

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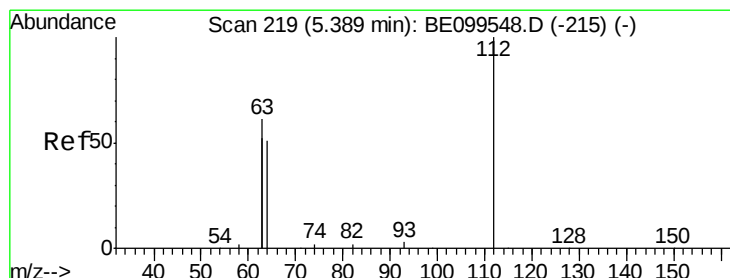
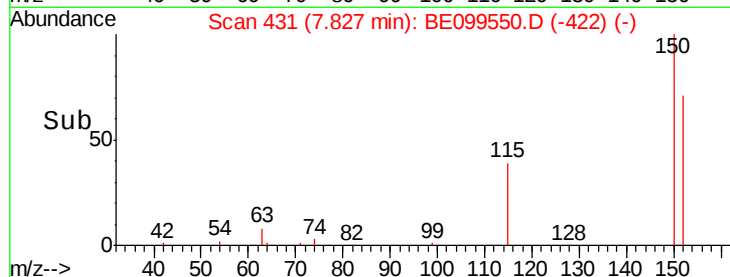
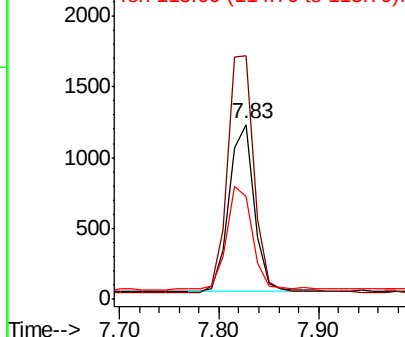


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

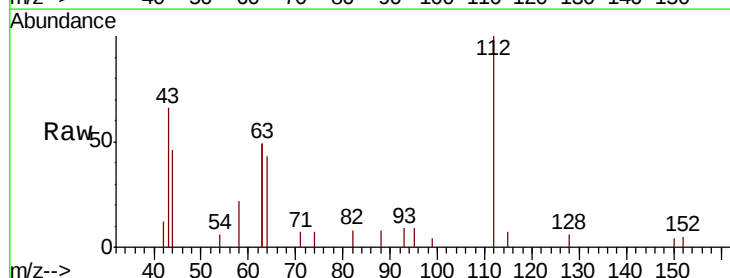
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.337 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.4	71.0
63	126.6	104.3	156.5

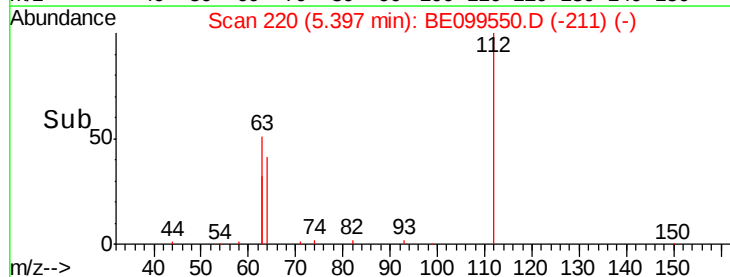
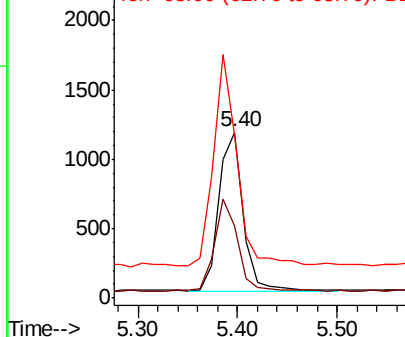


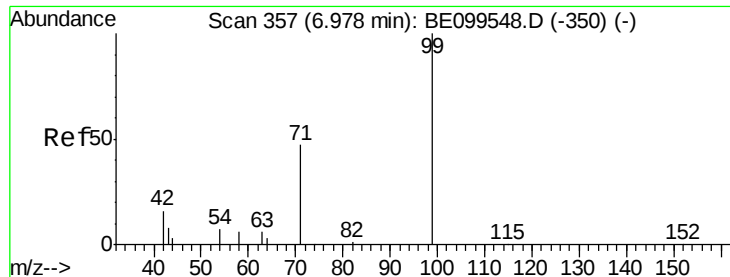
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.364 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099550.D

Acq: 6 May 2019 13:38

Instrument :

BNA_E

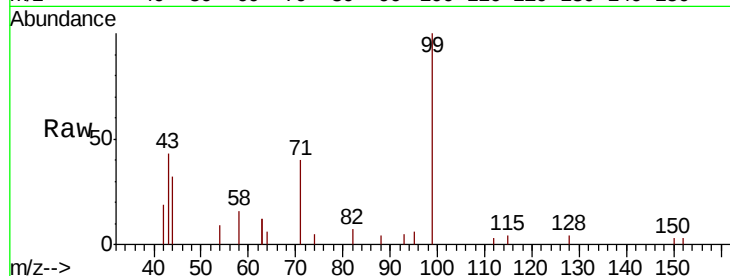
ClientSampleId :

PST-001-SW098-042419

Tot Ion:	99	Resp:	2785
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	41.2	33.0	49.6

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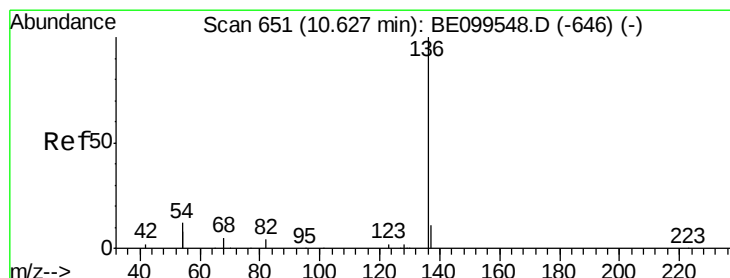
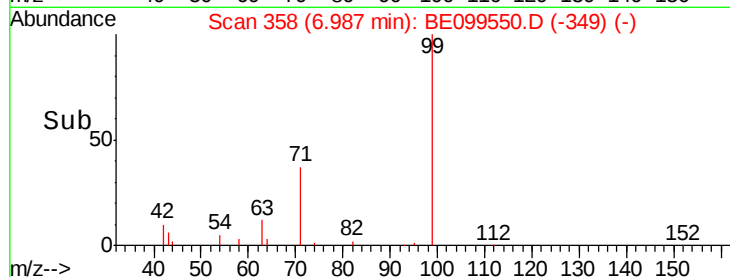
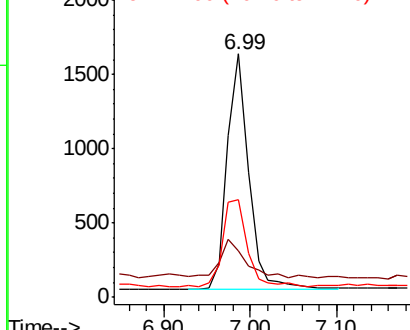


Abundance

Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099550.D

Acq: 6 May 2019 13:38

Tgt Ion:	136	Resp:	7429
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	25.1	18.5	27.7
68	6.6	4.7	7.1

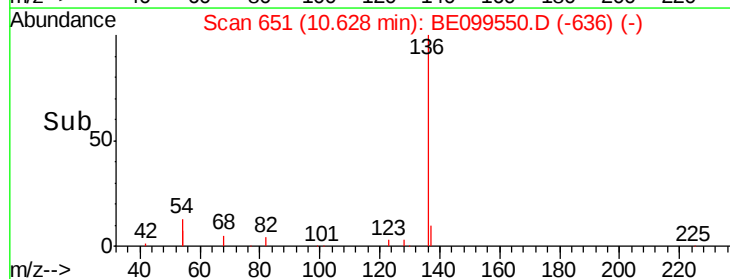
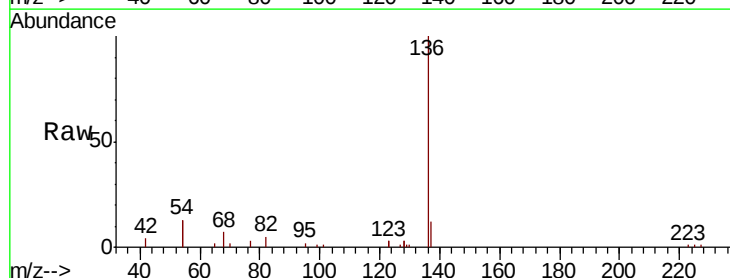
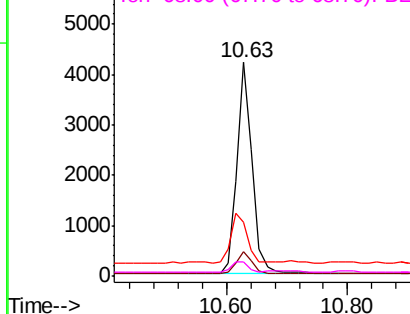
Abundance

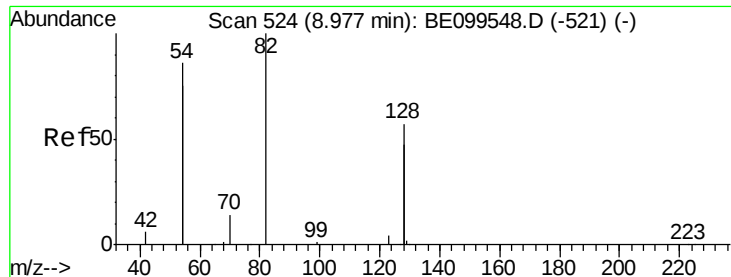
Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099550.D

Acq: 6 May 2019 13:38

Instrument :

BNA_E

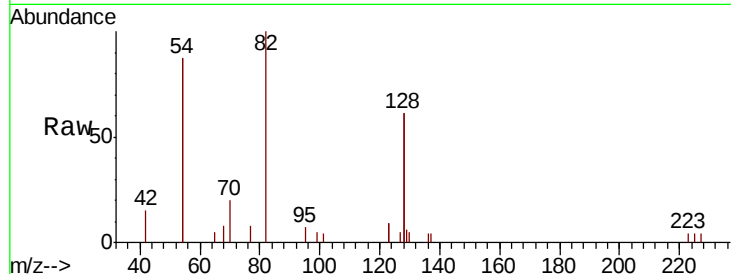
ClientSampleId :

PST-001-SW098-042419

Tot Ion:	82	Resp:	2331
Ion Ratio	Lower	Upper	
82	100		
128	121.6	107.0	160.4
54	174.5	113.1	169.7#

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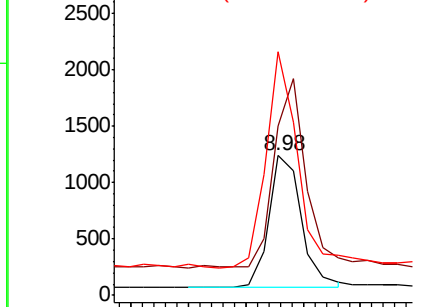


Abundance

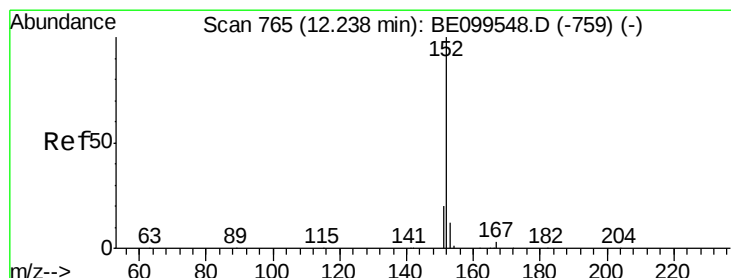
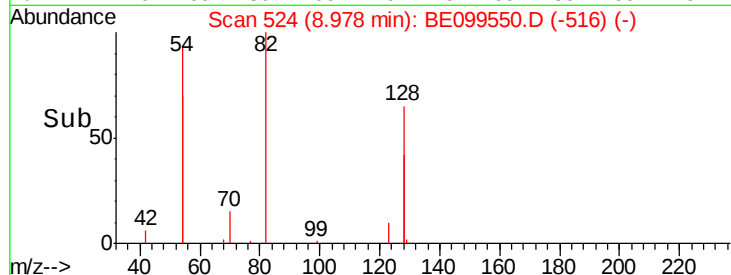
Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.303 ng

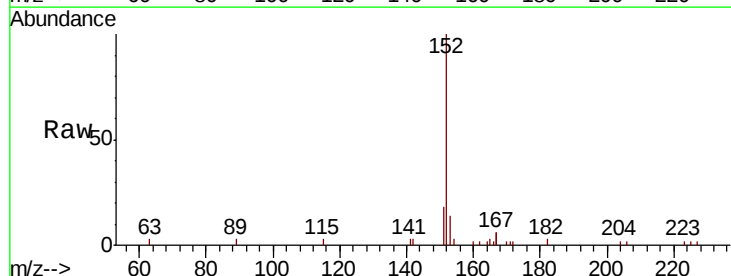
RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

Lab File: BE099550.D

Acq: 6 May 2019 13:38

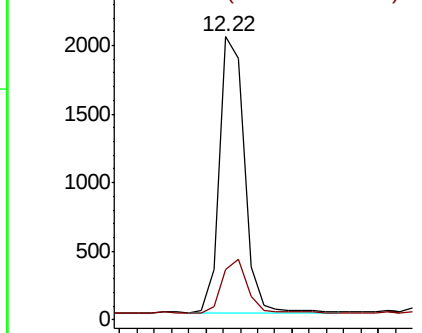
Tgt Ion:	152	Resp:	4052
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.5	23.3



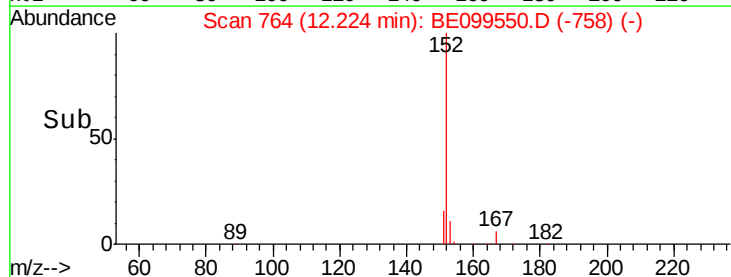
Abundance

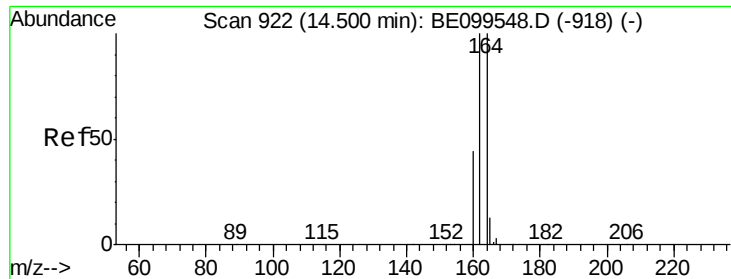
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE099550.D

Acq: 6 May 2019 13:38

Instrument :

BNA_E

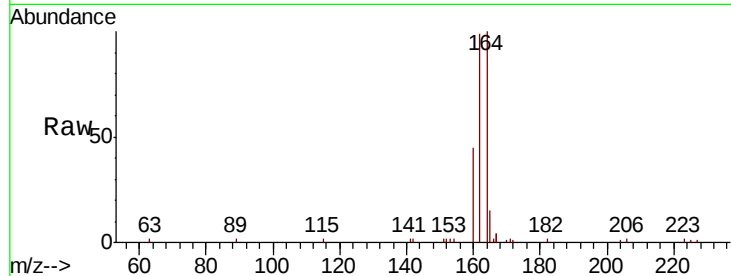
ClientSampleId :

PST-001-SW098-042419

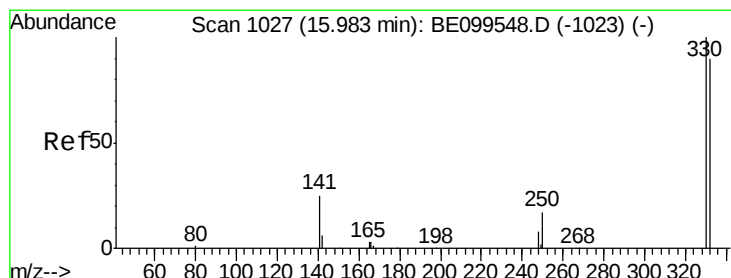
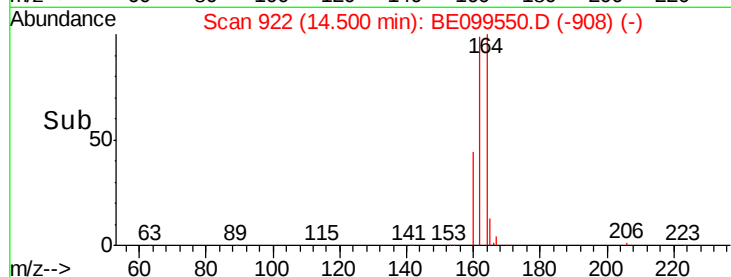
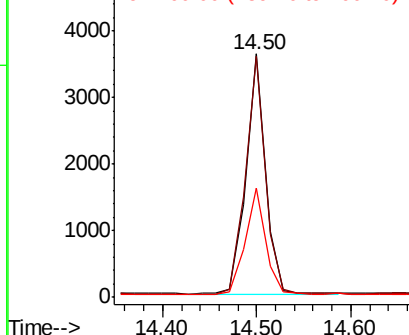
Tot Ion:	164	Resp:	5220
Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.0	118.4
160	44.9	37.0	55.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.371 ng

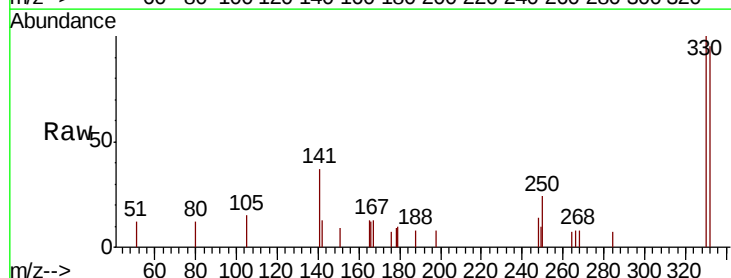
RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

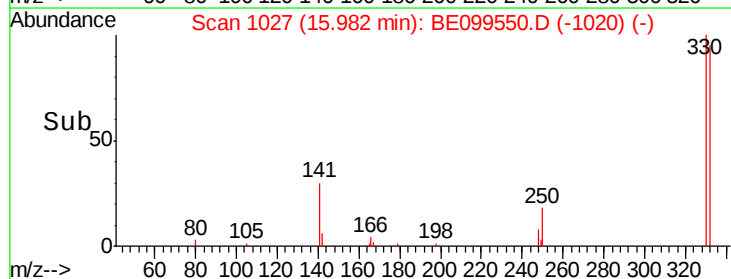
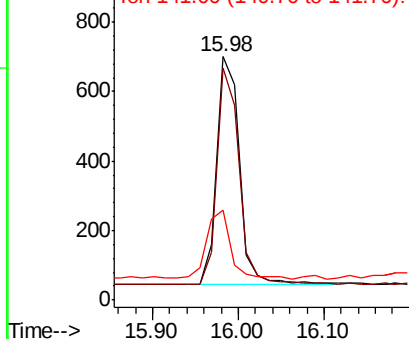
Lab File: BE099550.D

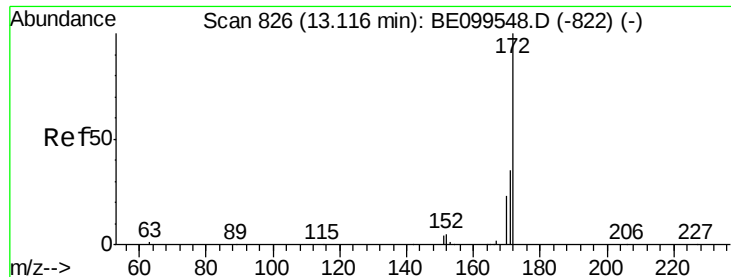
Acq: 6 May 2019 13:38

Tgt Ion:	330	Resp:	1220
Ion	Ratio	Lower	Upper
330	100		
332	90.5	71.5	107.3
141	31.3	24.0	36.0



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





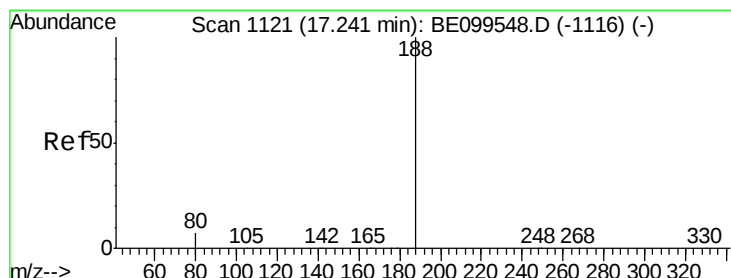
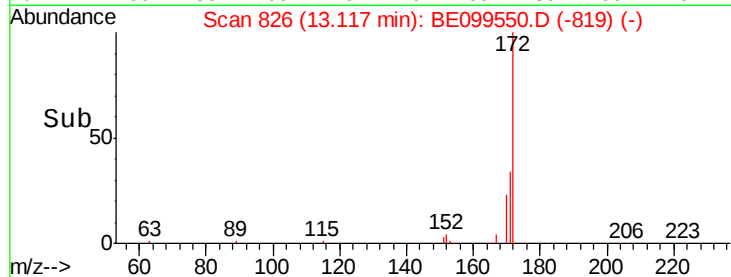
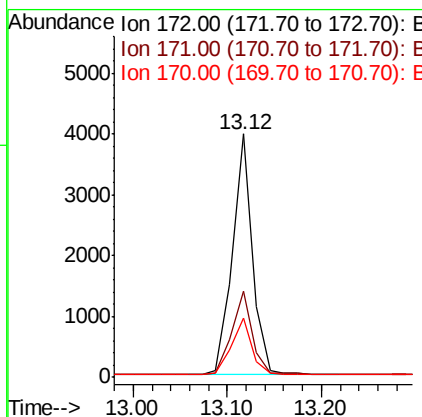
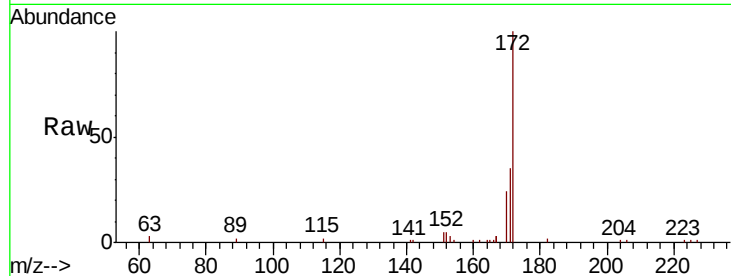
#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.6	39.8
170	24.3	17.0	25.6

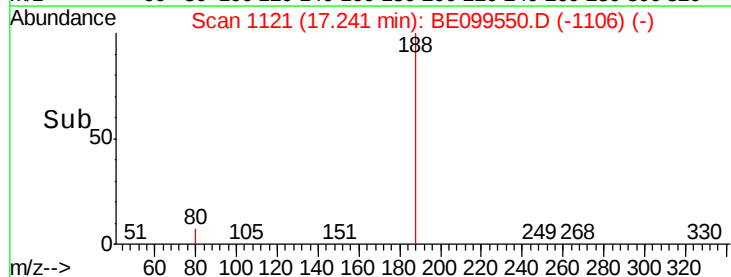
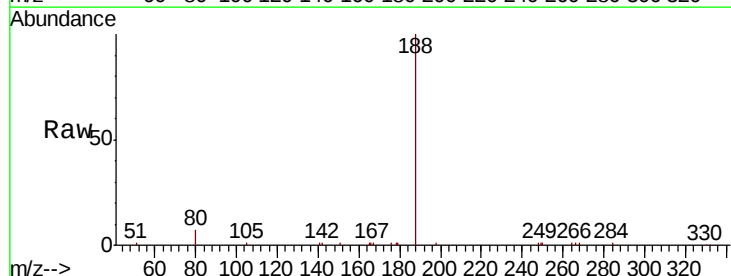
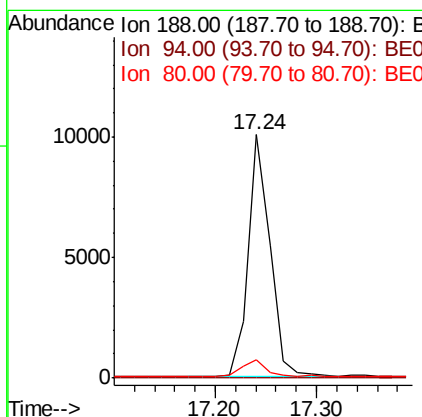
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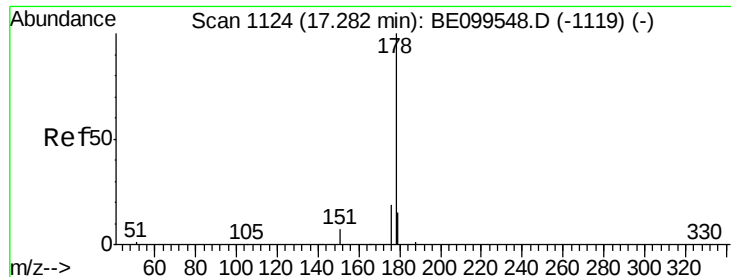
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.7	10.1





#23

Phenanthrene

Concen: 0.081 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE099550.D

Acq: 6 May 2019 13:38

Instrument :

BNA_E

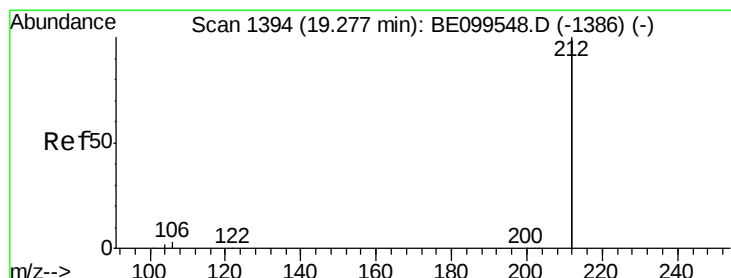
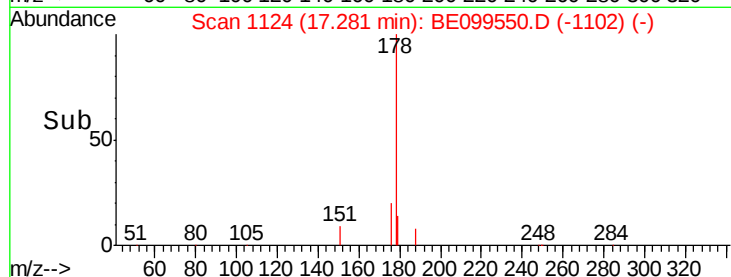
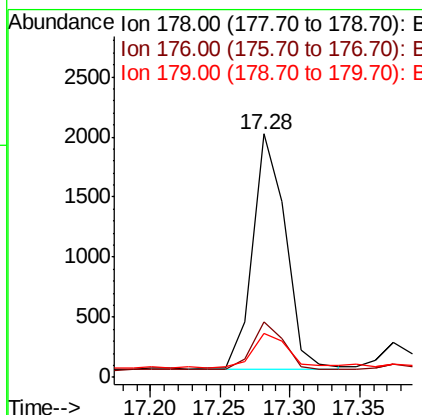
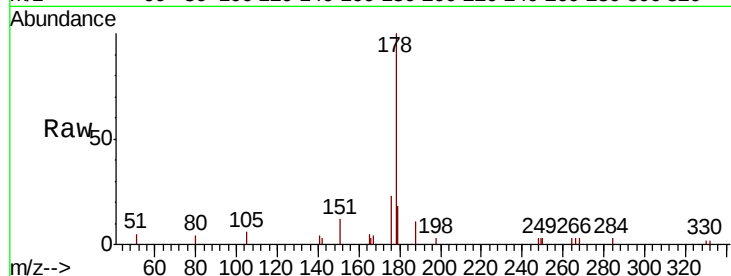
ClientSampleId :

PST-001-SW098-042419

Tot Ion:178	Resp:	3186
Ion Ratio	Lower	Upper
178 100		
176 20.1	15.6	23.4
179 16.4	12.0	18.0

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#25

Fluoranthene-d10

Concen: 0.292 ng

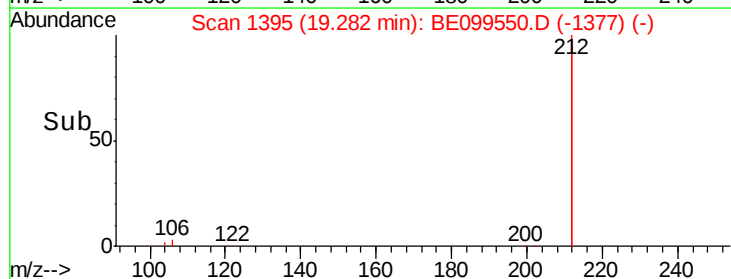
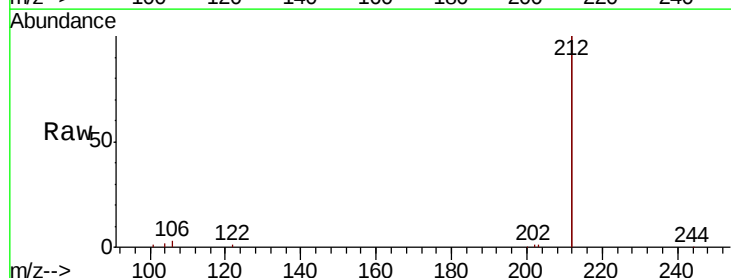
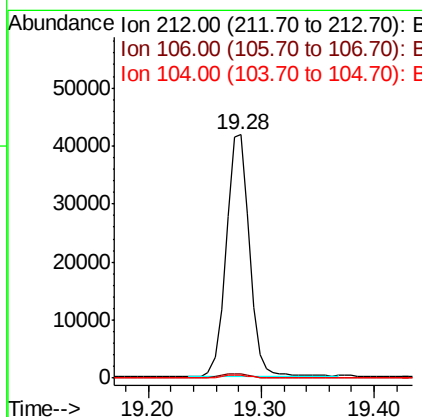
RT: 19.28 min Scan# 1395

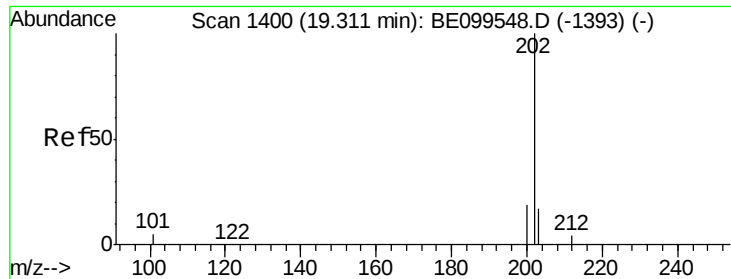
Delta R.T. 0.00 min

Lab File: BE099550.D

Acq: 6 May 2019 13:38

Tgt Ion:212	Resp:	59713
Ion Ratio	Lower	Upper
212 100		
106 1.7	1.5	2.3
104 1.1	0.9	1.3





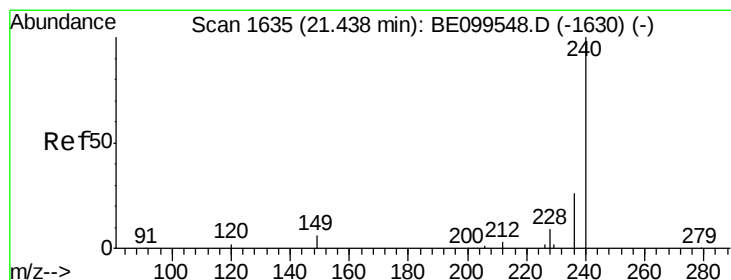
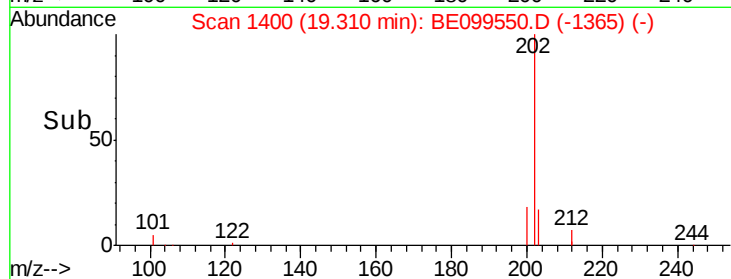
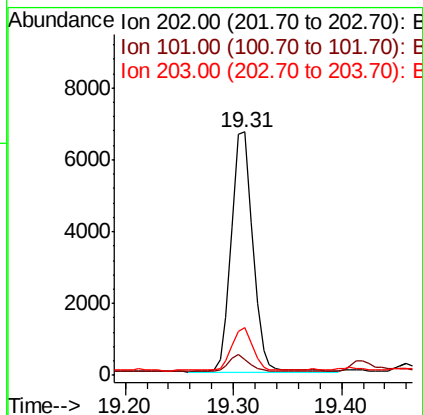
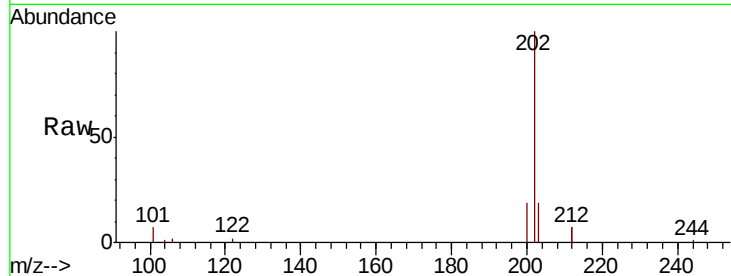
#26
 Fluoranthene
 Concen: 0.157 ng
 RT: 19.31 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BE099550.D
 Acq: 6 May 2019 13:38

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-SW098-042419

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.4	8.0
203	17.1	13.9	20.9

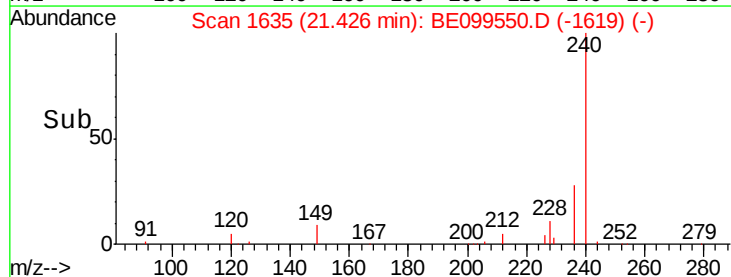
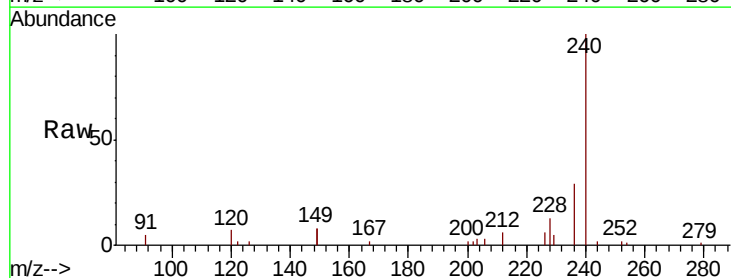
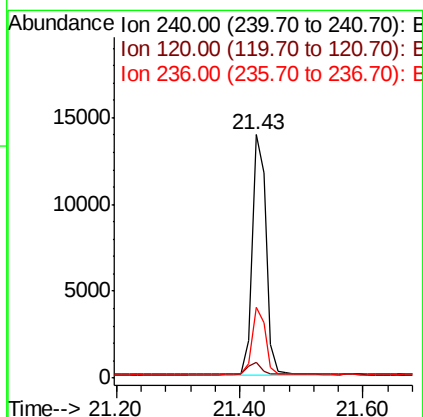
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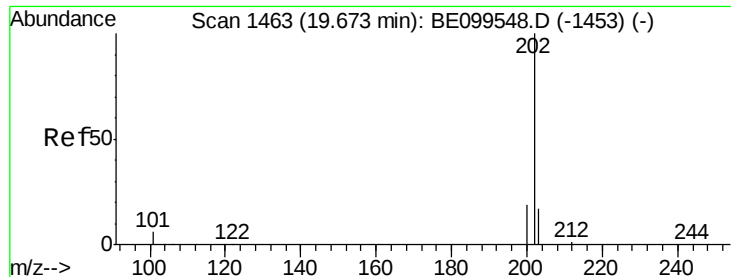
mohammad
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BE099550.D
 Acq: 6 May 2019 13:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.0	6.0#
236	28.8	22.0	33.0





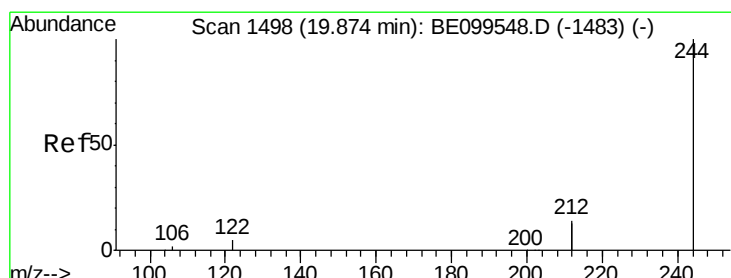
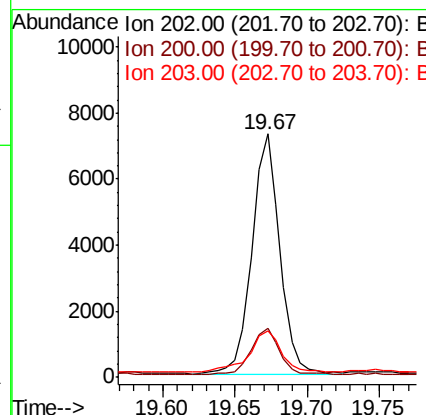
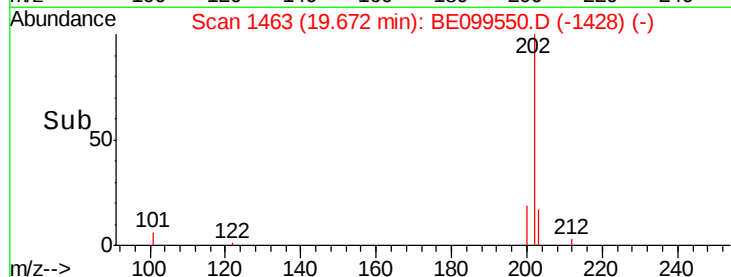
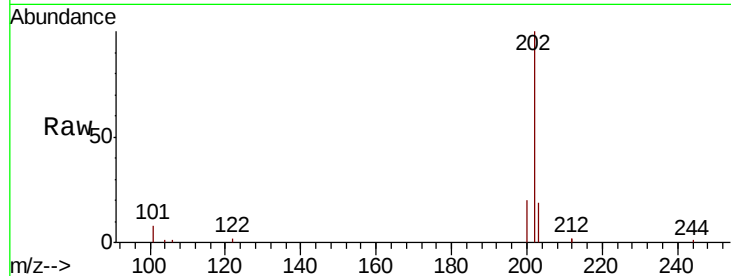
#28
Pvrene
Concen: 0.171 ng
RT: 19.67 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	20.7	13.9	20.9

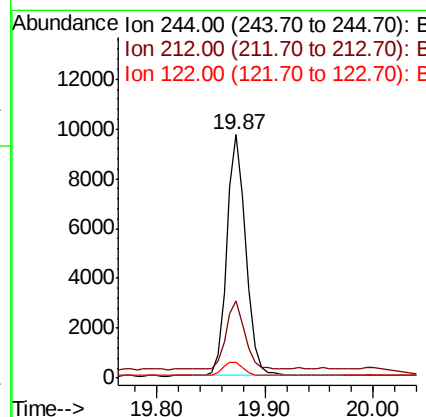
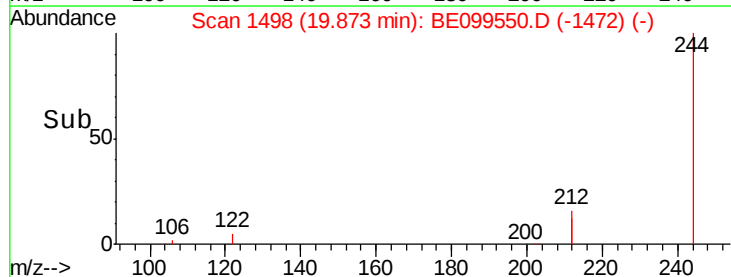
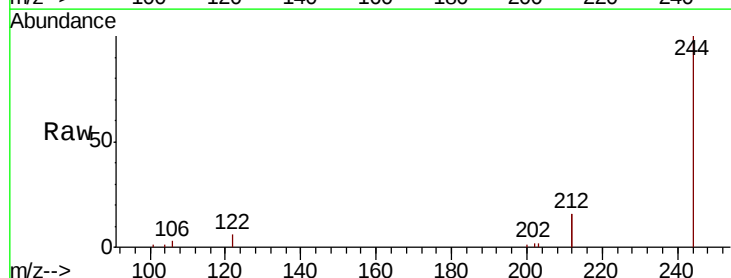
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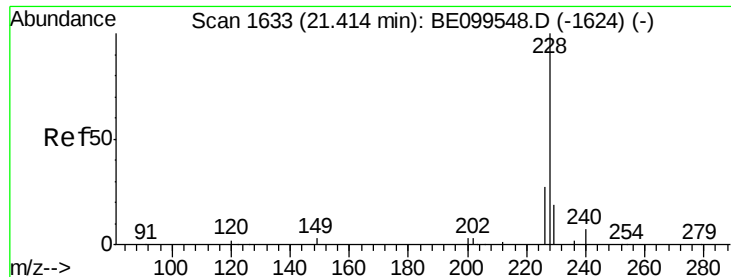
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#29
Terphenyl-d14
Concen: 0.294 ng
RT: 19.87 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.8	23.2	34.8
122	6.3	4.2	6.4





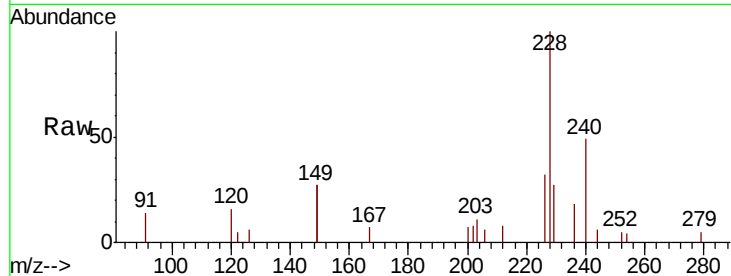
#30
Benzo(a)anthracene
Concen: 0.091 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.0	31.6#
229	27.3	16.6	25.0#

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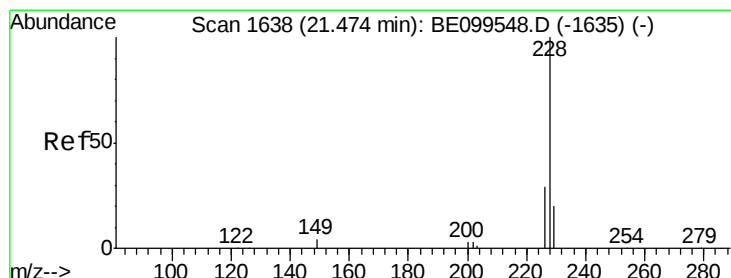
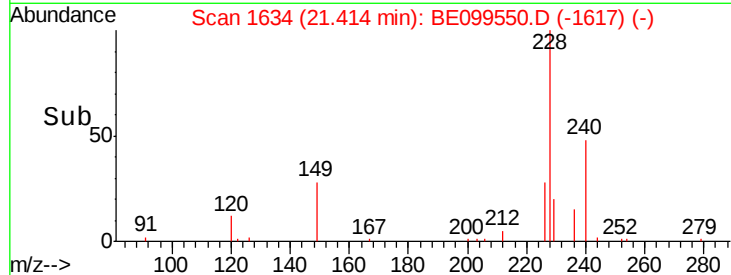
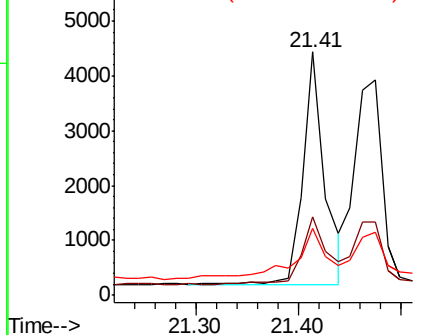


Abundance

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: 0.100 ng
RT: 21.47 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

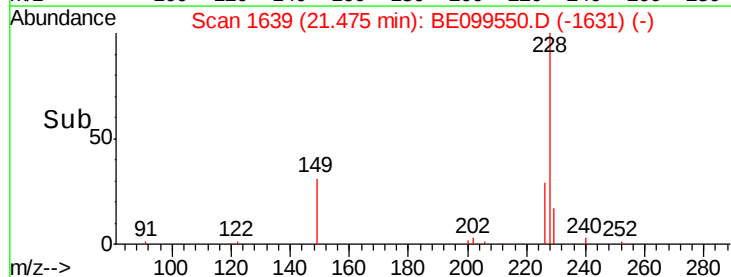
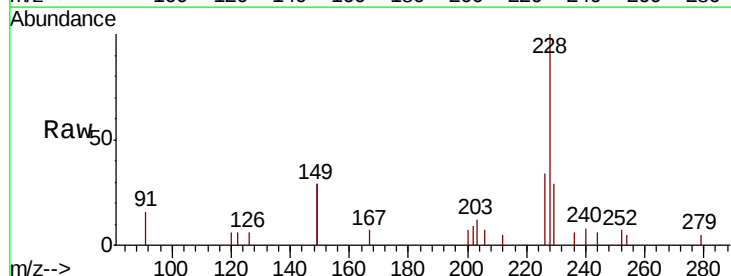
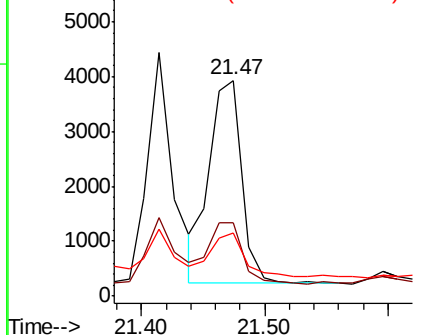
Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.0	36.0
229	29.4	15.8	23.8#

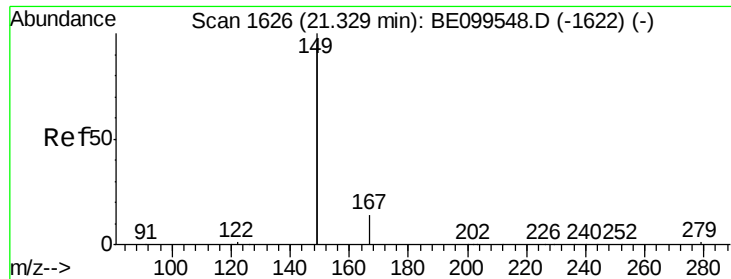
Abundance

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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.044 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE099550.D

Acq: 6 May 2019 13:38

Instrument :

BNA_E

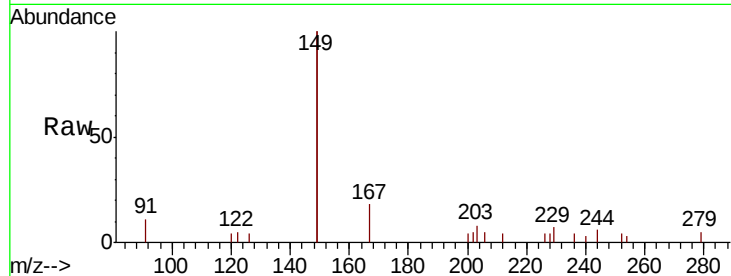
ClientSampleId :

PST-001-SW098-042419

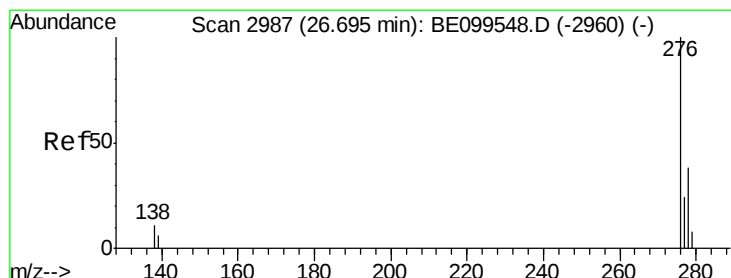
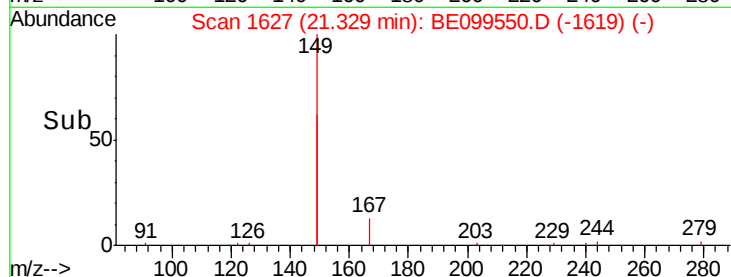
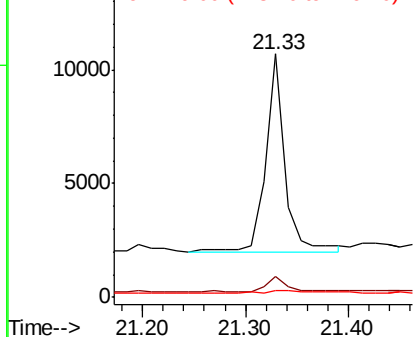
Tot Ion:	149	Resp:	11417
Ion Ratio	Lower	Upper	
149	100		
167	7.7	5.8	8.6
279	1.8	1.0	1.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.056 ng

RT: 26.69 min Scan# 2987

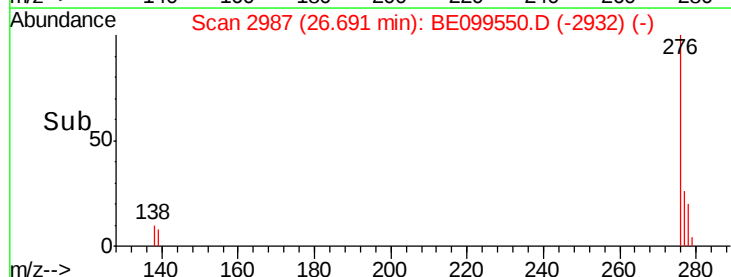
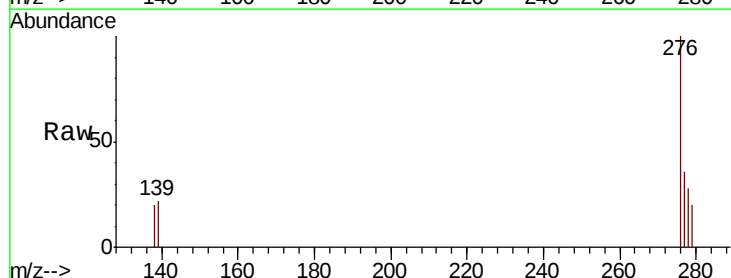
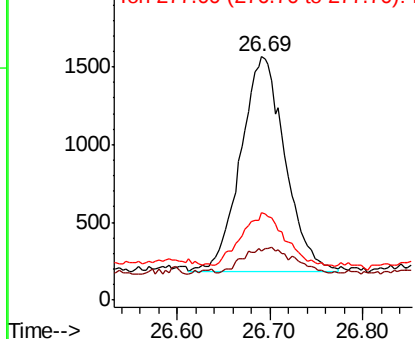
Delta R.T. -0.00 min

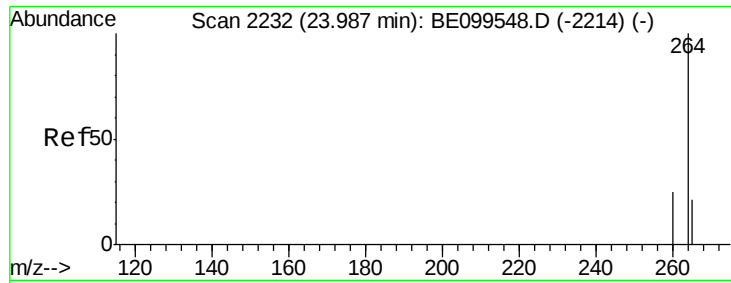
Lab File: BE099550.D

Acq: 6 May 2019 13:38

Tgt Ion:	276	Resp:	4541
Ion Ratio	Lower	Upper	
276	100		
138	13.6	10.2	15.2
277	24.4	19.2	28.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





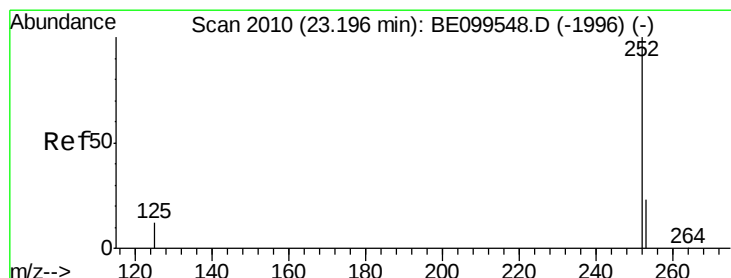
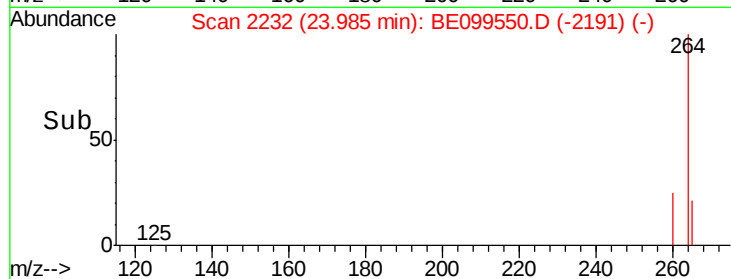
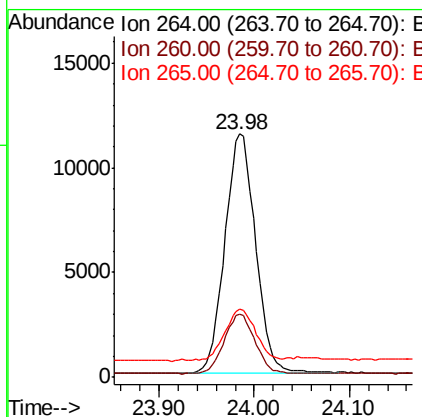
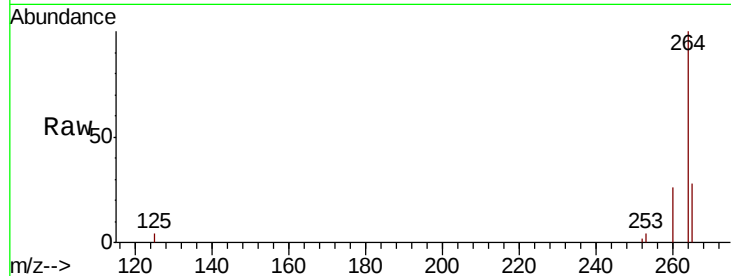
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	27.8	21.3	31.9

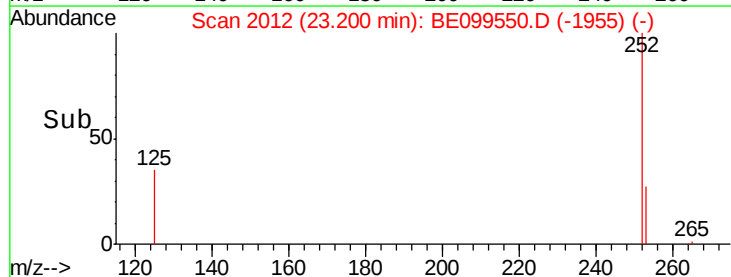
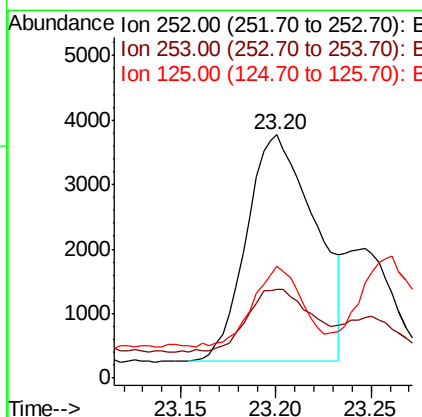
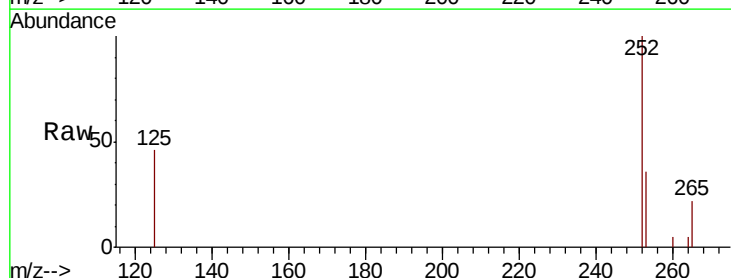
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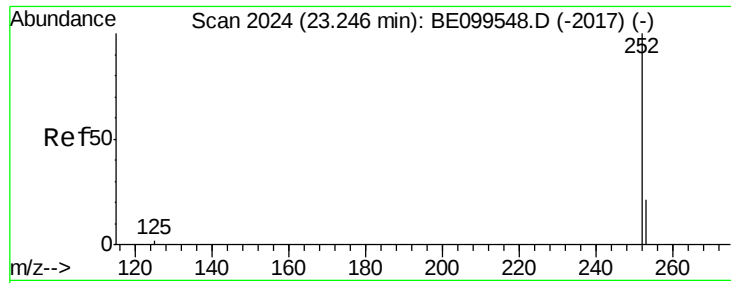
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#35
Benzo(b)fluoranthene
Concen: 0.119 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.3	18.1	27.1#
125	45.7	5.6	8.4#





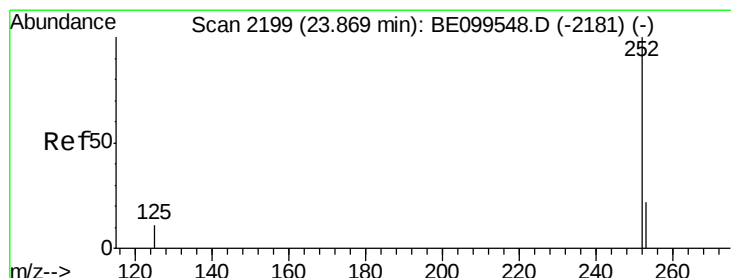
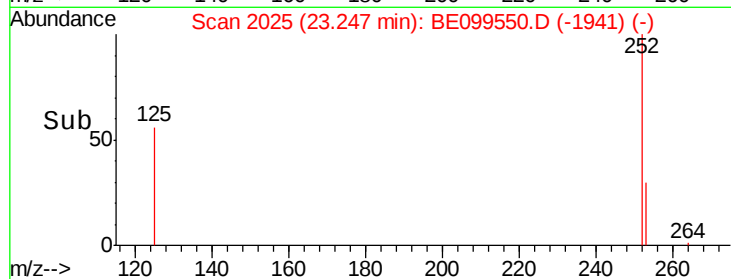
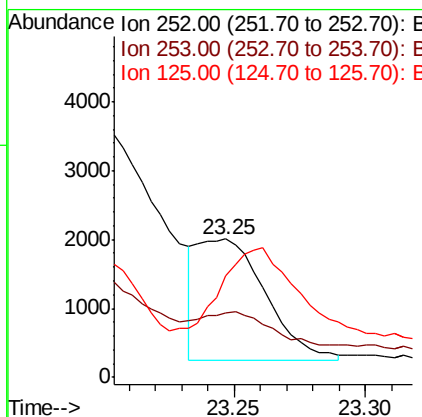
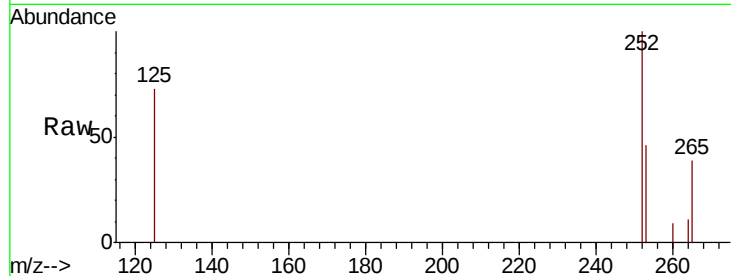
#36
Benzo(k)fluoranthene
Concen: 0.045 ng m
RT: 23.25 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Instrument :
BNA_E
ClientSampleId :
PST-001-SW098-042419

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.4	18.4	27.6#
125	73.2	5.0	7.4#

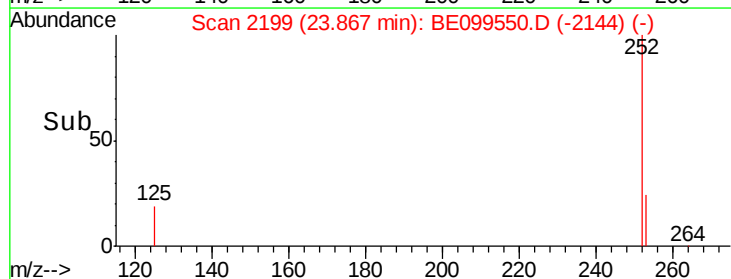
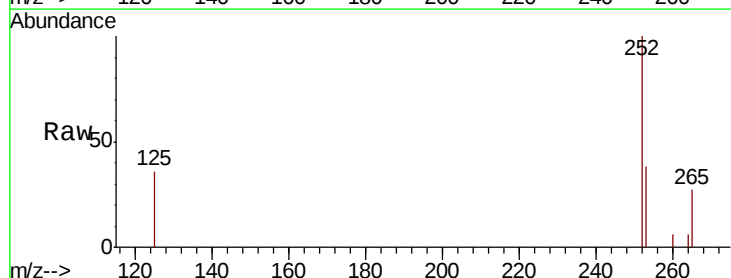
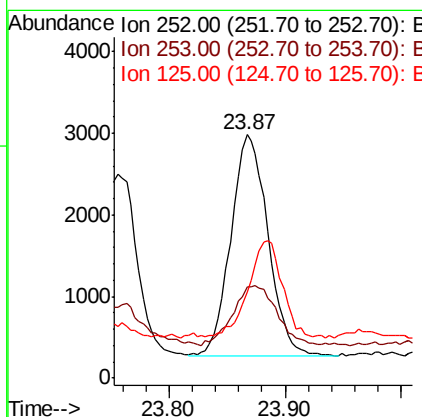
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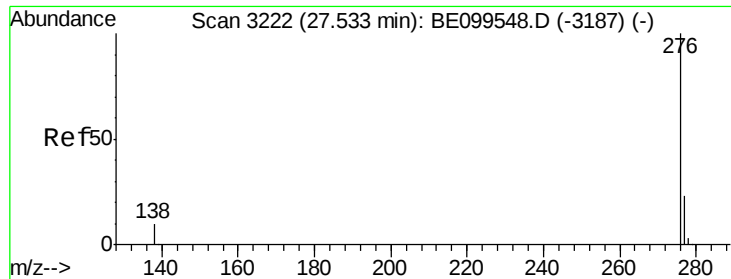
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#37
Benzo(a)pyrene
Concen: 0.086 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099550.D
Acq: 6 May 2019 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.6	18.9	28.3#
125	35.6	6.7	10.1#





#39
 Benzo(a,h,i)perylene
 Concen: 0.065 ng
 RT: 27.53 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: BE099550.D
 Acq: 6 May 2019 13:38

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-SW098-042419

Tot Ion	Ratio	Lower	Upper
276	100		
277	37.1	19.5	29.3#
138	20.1	9.6	14.4#

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