

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
 Data File : BE099506.D
 Acq On : 2 May 2019 22:55
 Operator : JU/SJ
 Sample : K2589-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B190-042419

Manual Integrations
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Sohil
 5/3/2019 4:23:38 PM

Quant Time: May 03 05:23:56 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	2490	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	8785	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6545	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20392	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26194	0.40	ng	0.00
34) Perylene-d12	23.87	264	30649	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2785	0.40	ng	0.00
5) Phenol-d6	6.97	99	3927	0.43	ng	0.00
8) Nitrobenzene-d5	8.97	82	3301	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	5529	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1835	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	8304	0.33	ng	-0.01
25) Fluoranthene-d10	19.22	212	91986	0.33	ng	0.00
29) Terphenyl-d14	19.82	244	18197	0.38	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.23	178	3764	0.072	ng	95
26) Fluoranthene	19.25	202	11220	0.142	ng	# 99
28) Pyrene	19.61	202	11553	0.169	ng	96
30) Benzo(a)anthracene	21.35	228	7076	0.085	ng	# 89
31) Chrysene	21.40	228	7210	0.088	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.27	149	12405	0.034	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.52	276	4815	0.050	ng	# 94
35) Benzo(b)fluoranthene	23.10	252	10692	0.121	ng	# 20
36) Benzo(k)fluoranthene	23.15	252	3457m	0.041	ng	
37) Benzo(a)pyrene	23.76	252	7174	0.086	ng	# 32
39) Benzo(g,h,i)perylene	27.34	276	4967	0.058	ng	# 87

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

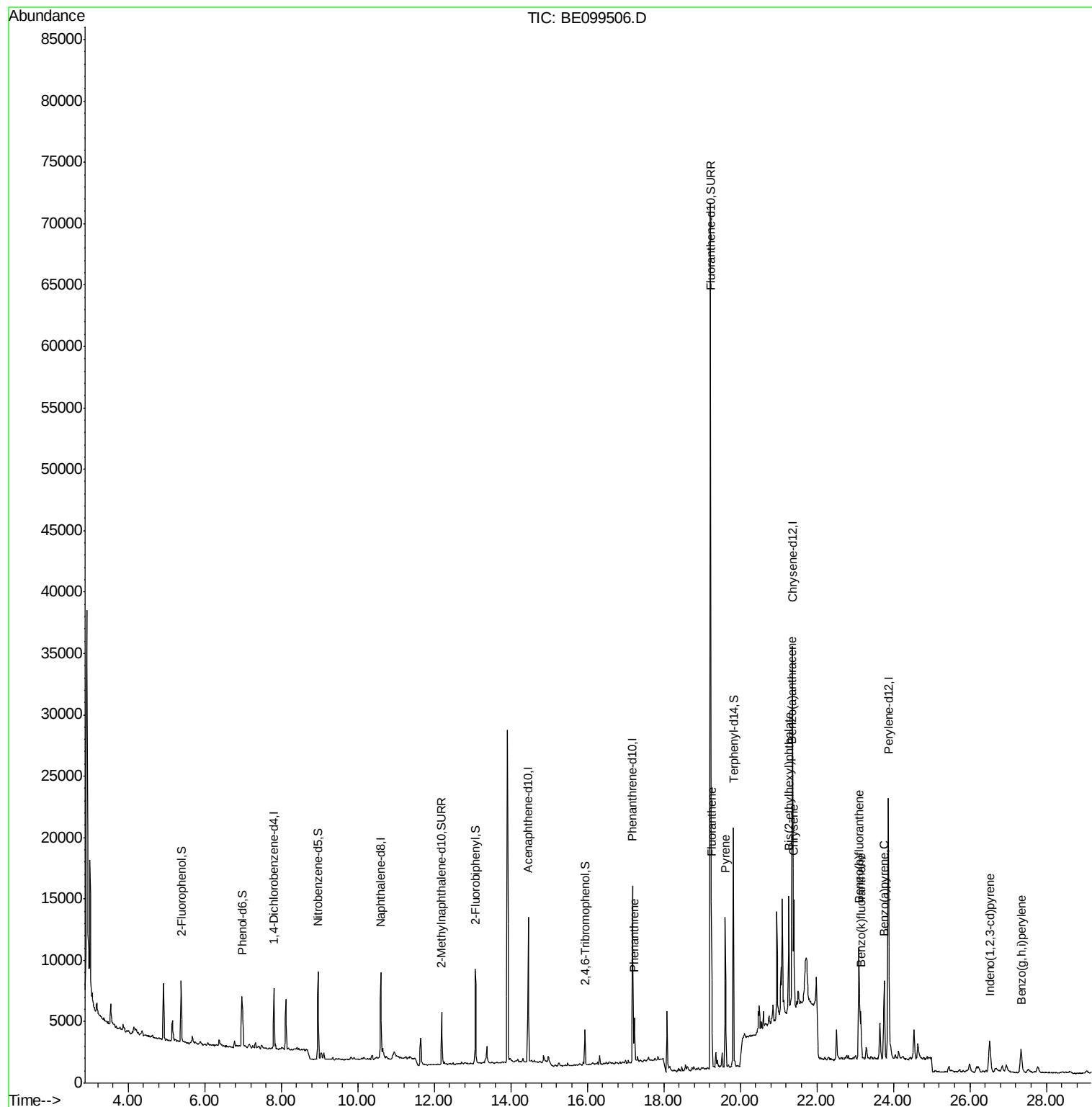
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
Data File : BE099506.D
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Operator : JU/SJ
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PST-001-B190-042419

Quant Time: May 03 05:23:56 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
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#1

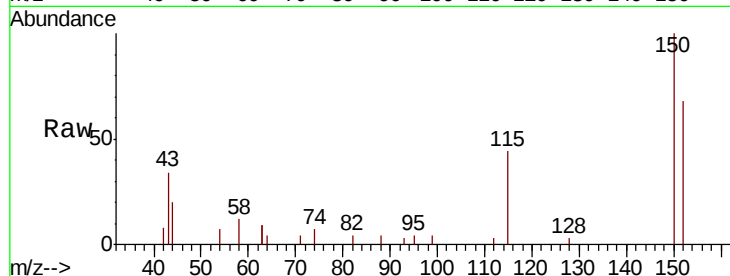
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Instrument :
BNA_E
ClientSampleId :
PST-001-B190-042419

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.7	104.8	157.2
115	64.3	46.6	69.8

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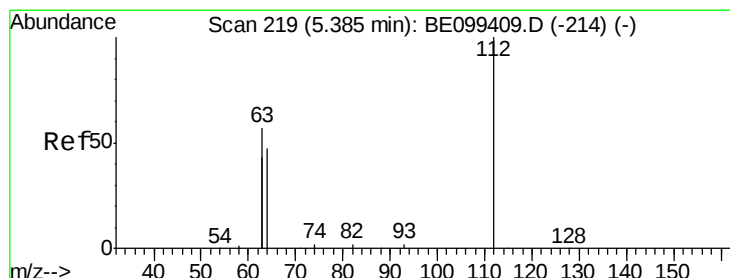
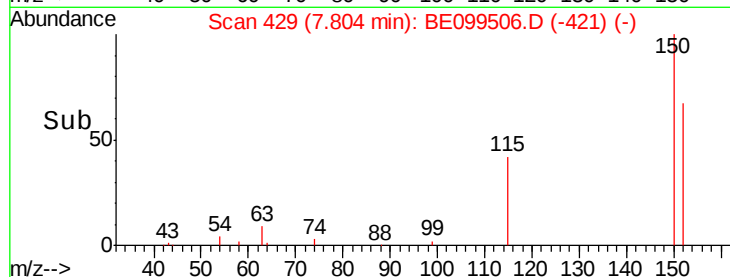
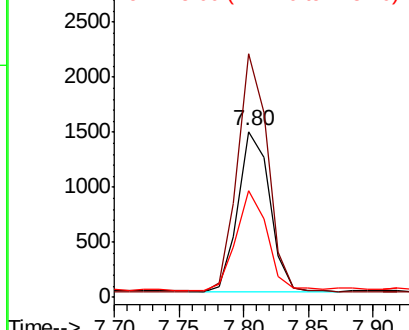


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

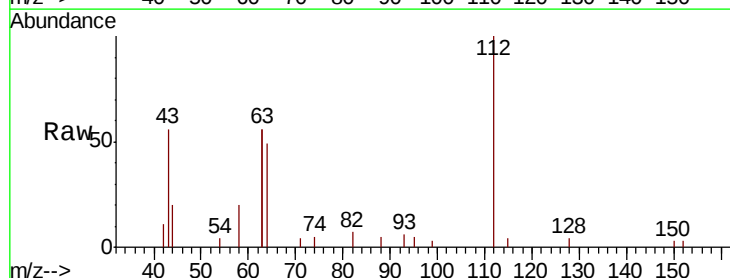
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.405 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.4	71.0
63	126.3	104.3	156.5

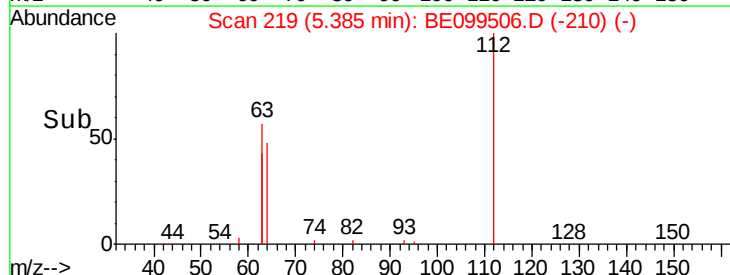
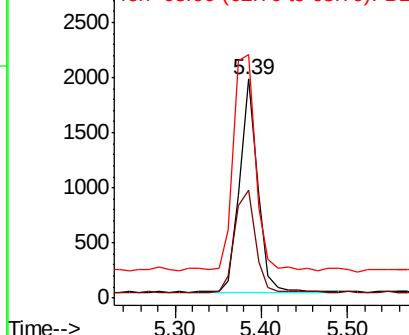


Abundance

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: 0.429 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099506.D

Acq: 2 May 2019 22:55

Instrument :

BNA_E

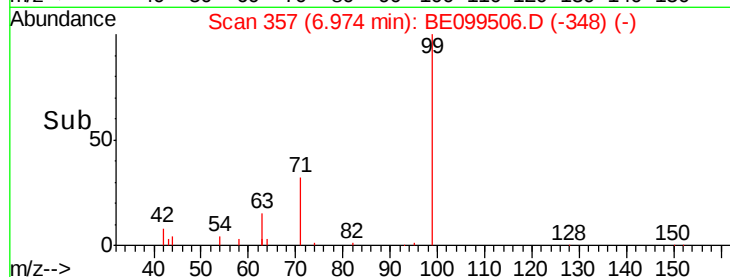
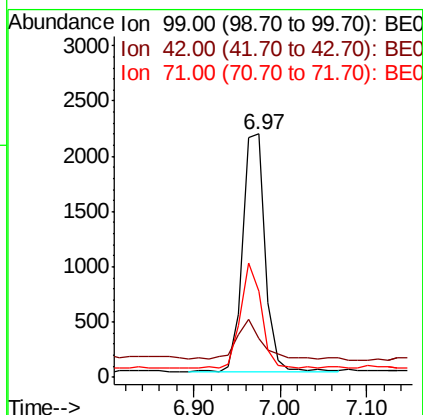
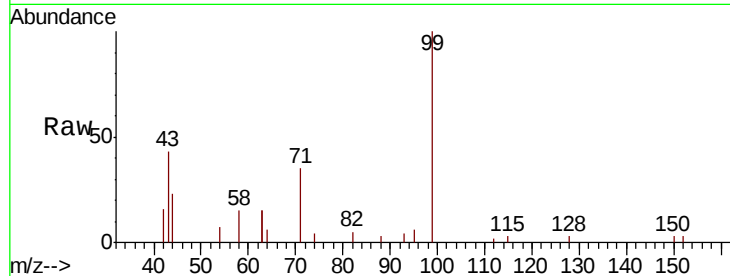
ClientSampleId :

PST-001-B190-042419

Tgt Ion:	99	Resp:	3927
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.9	22.3
71	41.3	33.0	49.6

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#7

Naphthalene-d8

Concen: 0.400 ng

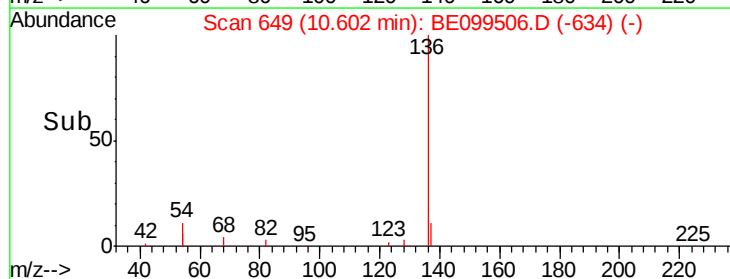
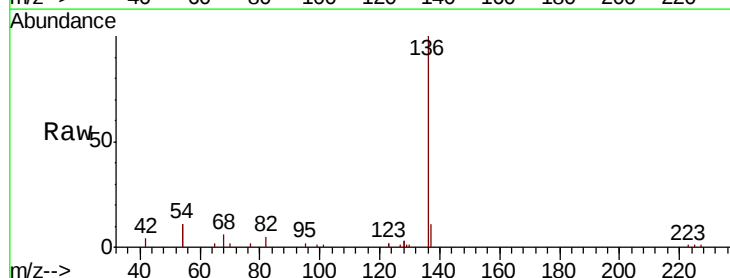
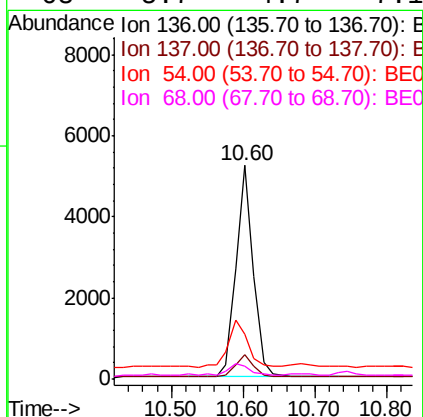
RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099506.D

Acq: 2 May 2019 22:55

Tgt Ion:	136	Resp:	8785
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	21.2	18.5	27.7
68	5.7	4.7	7.1





#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099506.D

Acq: 2 May 2019 22:55

Instrument :

BNA_E

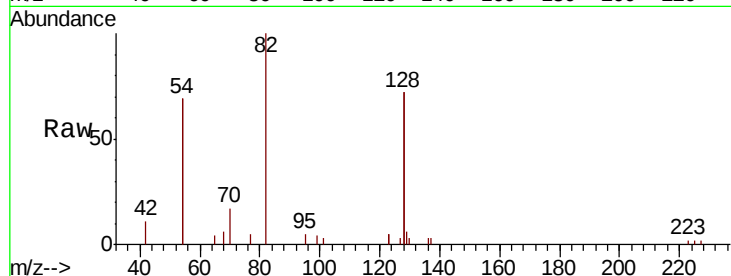
ClientSampleId :

PST-001-B190-042419

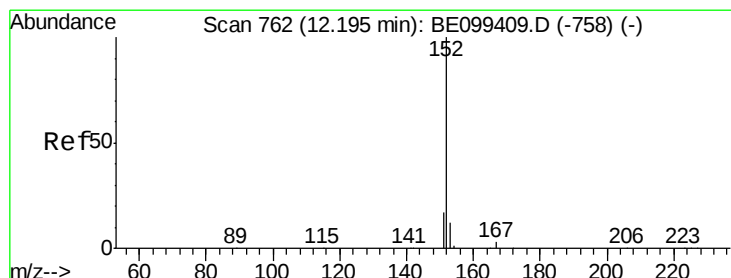
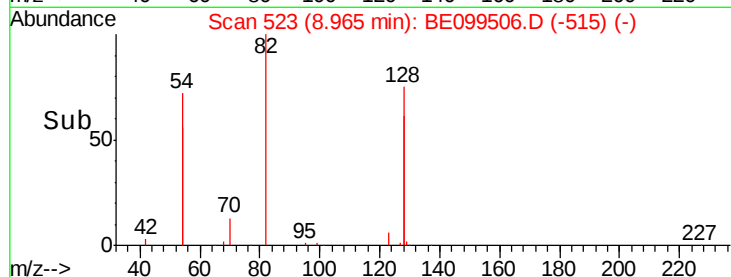
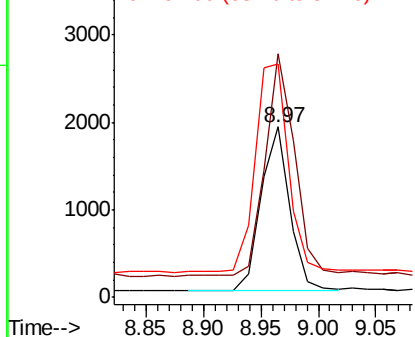
Tgt Ion:	82	Resp:	3301
Ion	Ratio	Lower	Upper
82	100		
128	143.1	107.0	160.4
54	137.0	113.1	169.7

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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



#11

2-Methylnaphthalene-d10

Concen: 0.349 ng

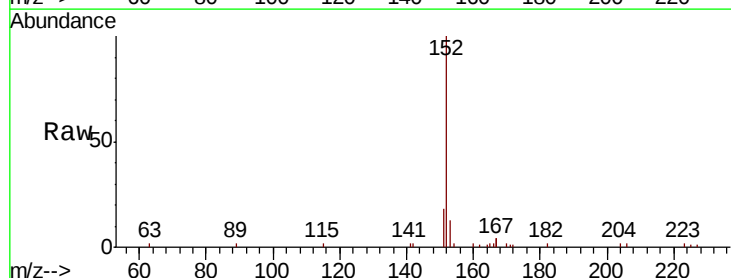
RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

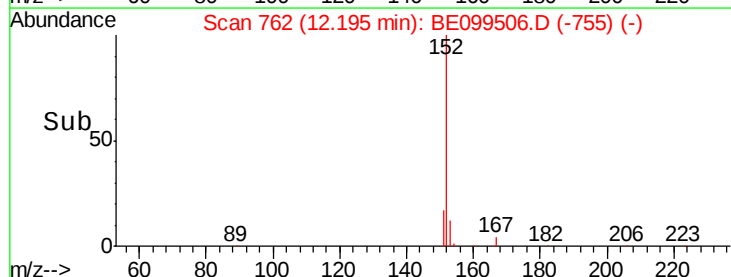
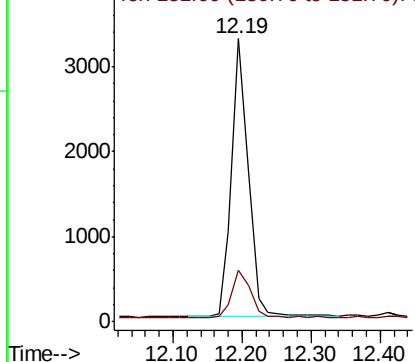
Lab File: BE099506.D

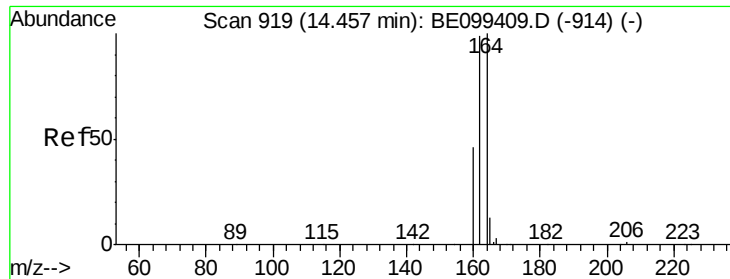
Acq: 2 May 2019 22:55

Tgt Ion:	152	Resp:	5529
Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.5	23.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





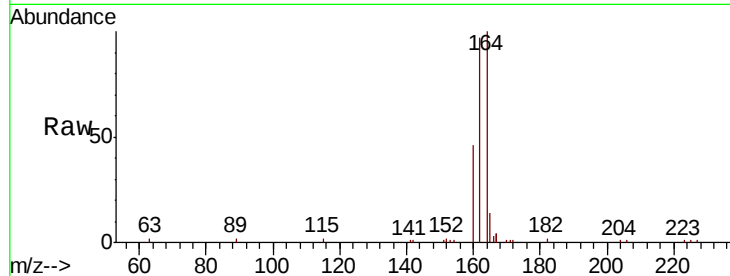
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Instrument :
BNA_E
ClientSampleId :
PST-001-B190-042419

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	79.0	118.4
160	45.7	37.0	55.4

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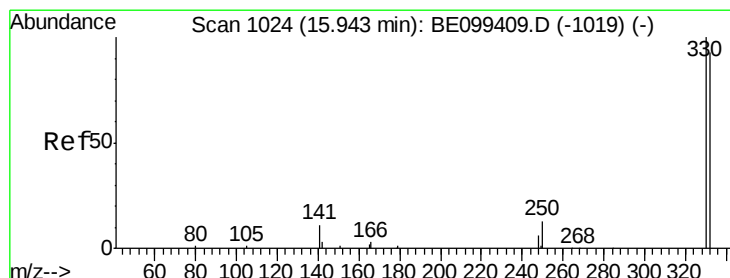
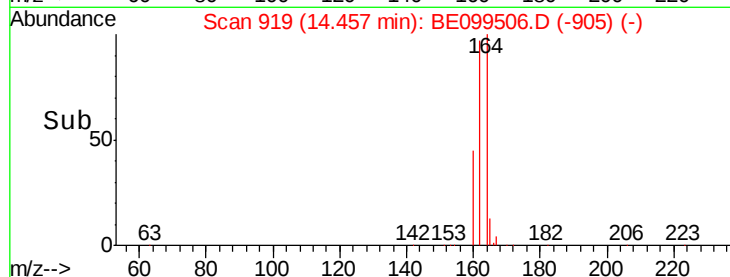
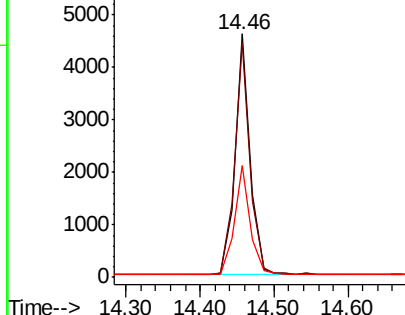


Abundance

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: 0.445 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

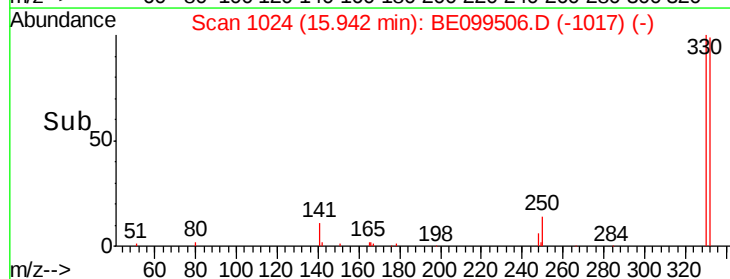
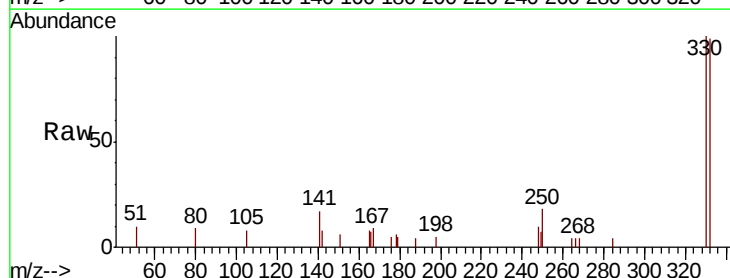
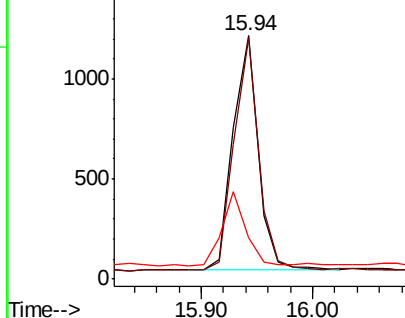
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	71.5	107.3
141	29.5	24.0	36.0

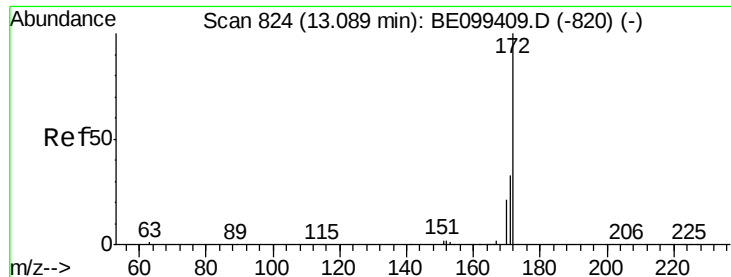
Abundance

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





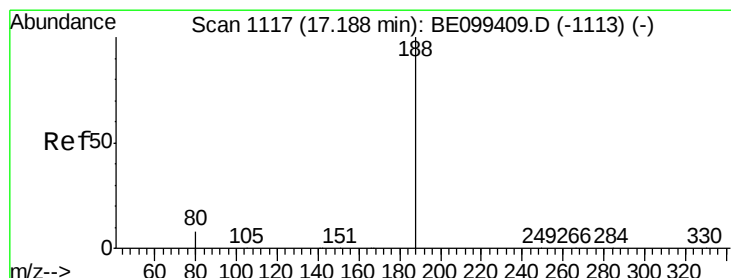
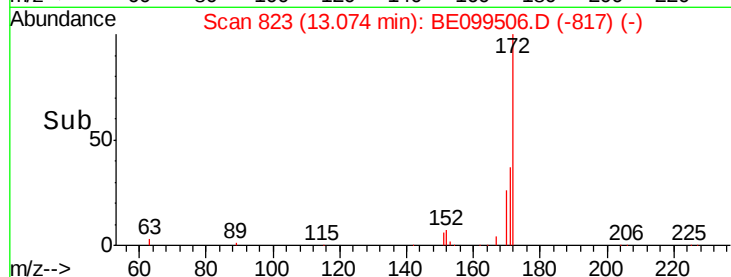
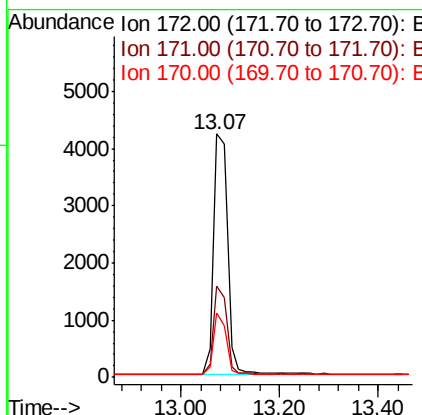
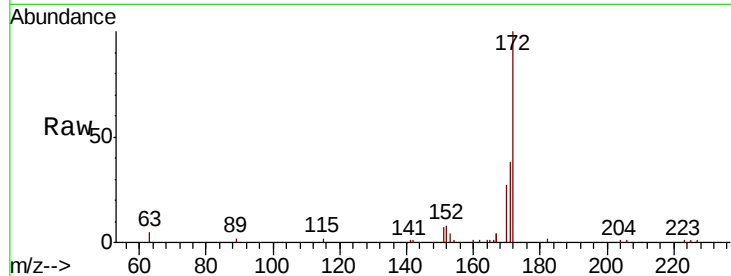
#15
 2-Fluorobiphenyl
 Concen: 0.333 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099506.D
 Acq: 2 May 2019 22:55

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B190-042419

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.6	39.8
170	26.6	17.0	25.6

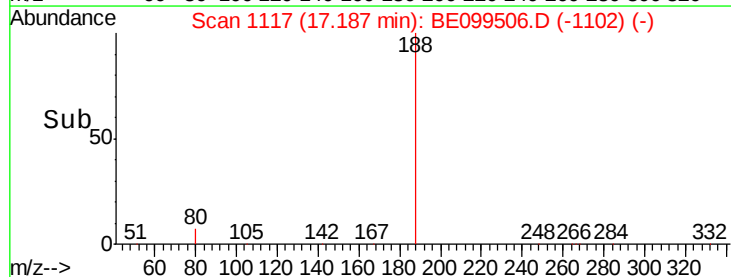
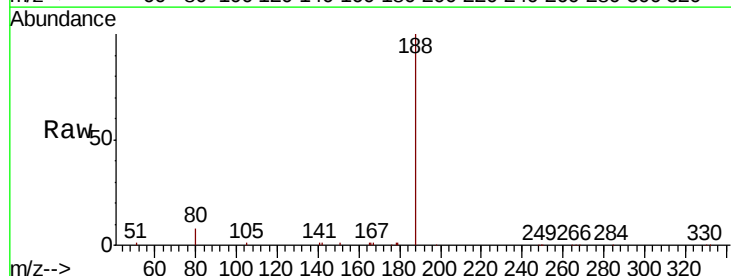
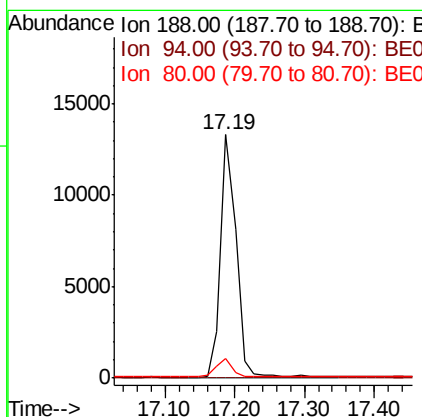
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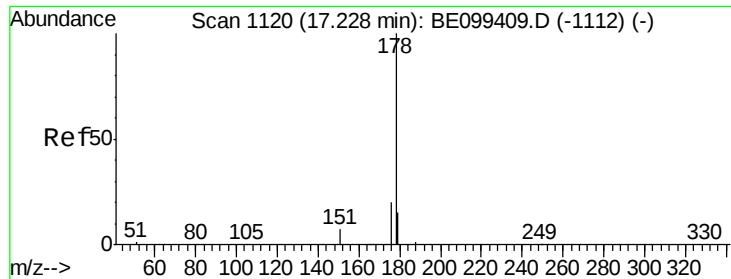
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BE099506.D
 Acq: 2 May 2019 22:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.7	10.1





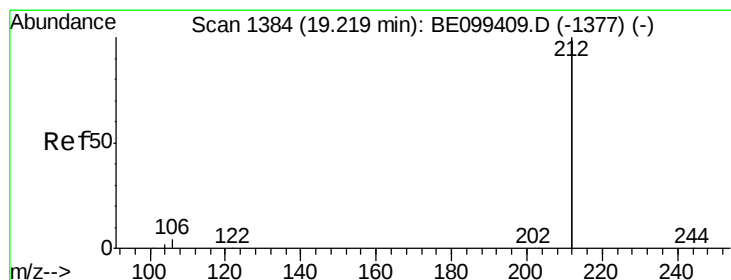
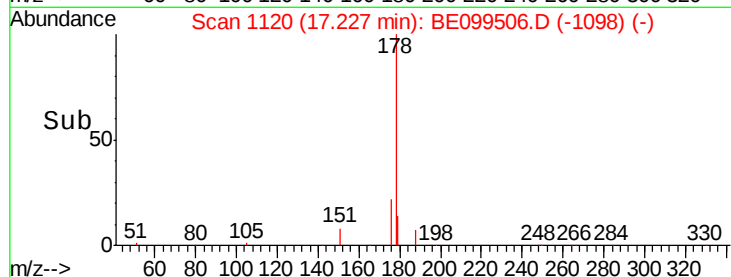
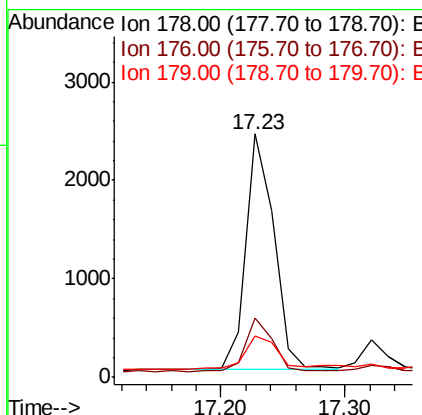
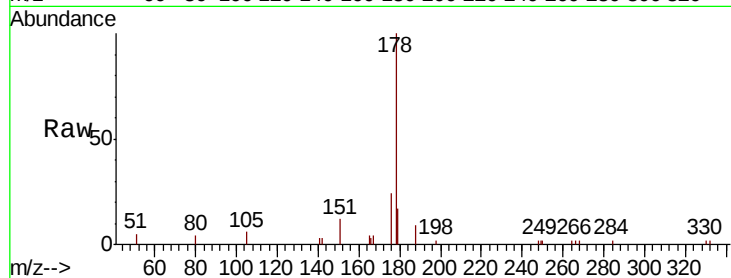
#23
Phenanthrene
Concen: 0.072 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Instrument :
BNA_E
ClientSampleId :
PST-001-B190-042419

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.6	23.4
179	17.0	12.0	18.0

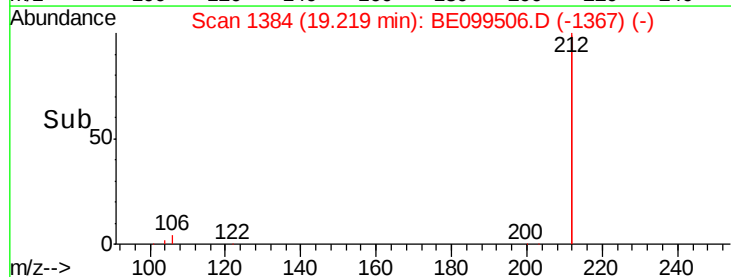
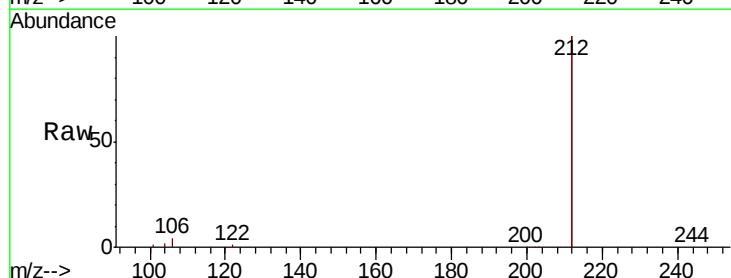
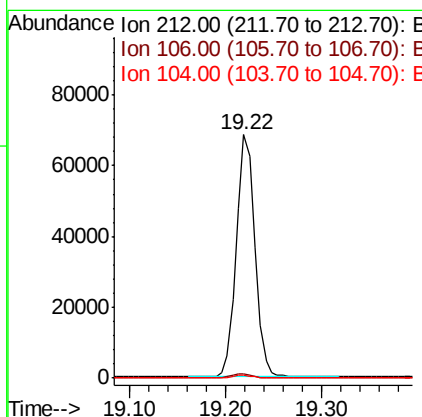
Manual Integrations
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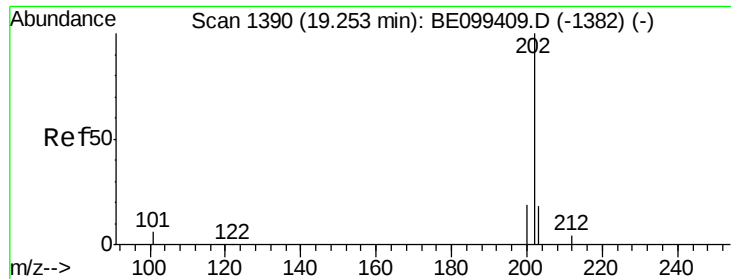
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#25
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

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





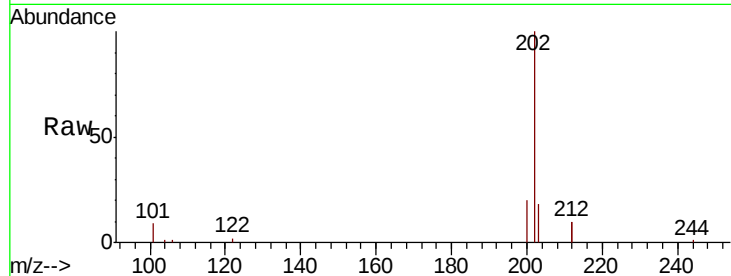
#26
Fluoranthene
Concen: 0.142 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Instrument :
BNA_E
ClientSampleId :
PST-001-B190-042419

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11220		
101	8.1	5.4	8.0#	
203	17.4	13.9	20.9	

Manual Integrations
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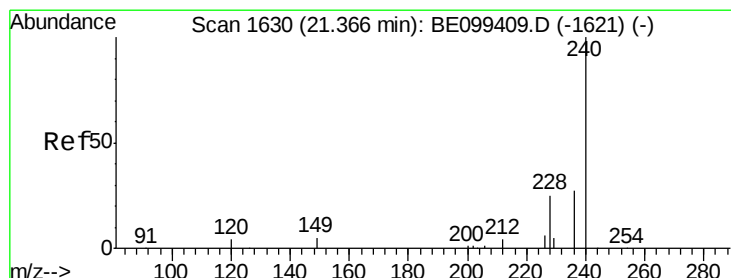
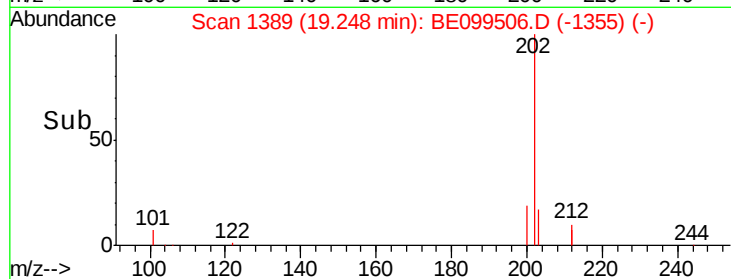
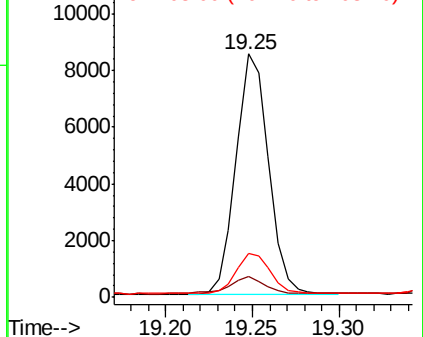


Abundance

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: BE099506.D
Acq: 2 May 2019 22:55

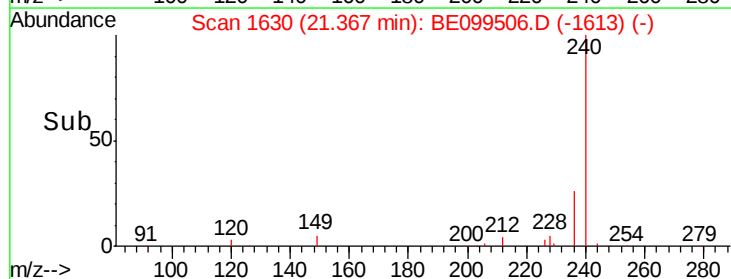
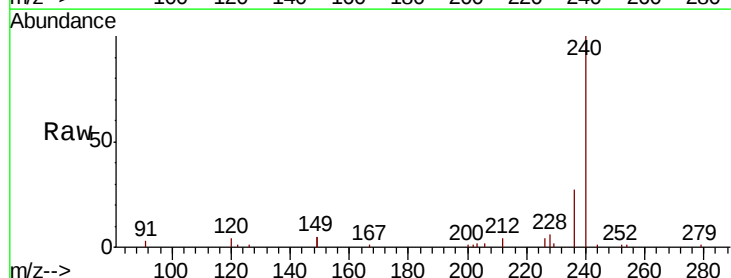
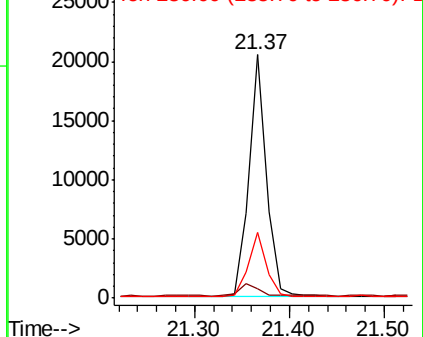
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	26194		
120	3.9	4.0	6.0#	
236	26.9	22.0	33.0	

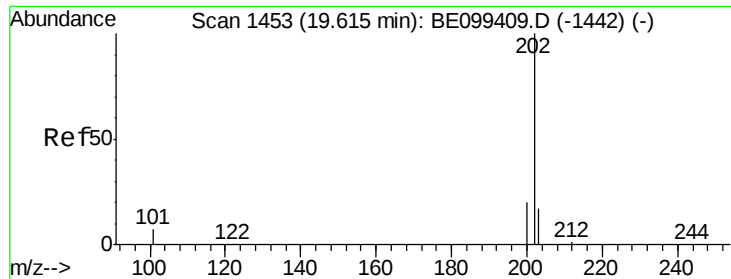
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





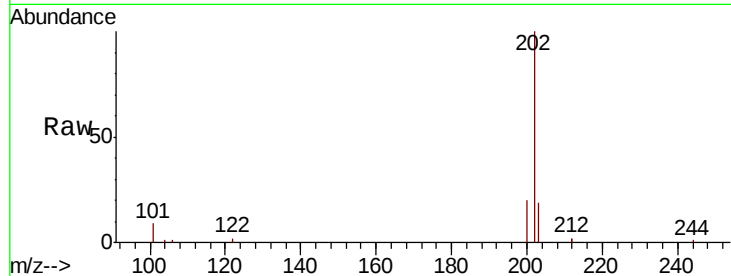
#28
Pyrene
Concen: 0.169 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Instrument :
BNA_E
ClientSampleId :
PST-001-B190-042419

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11553		
200	20.3	15.7	23.5	
203	20.6	13.9	20.9	

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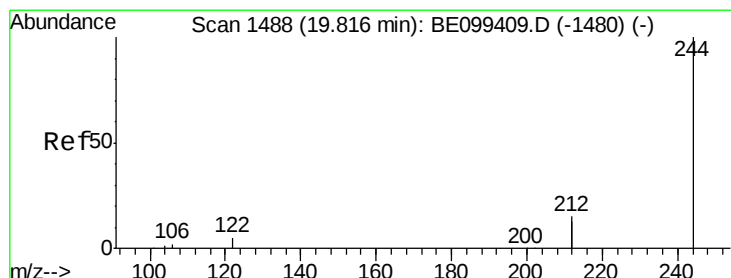
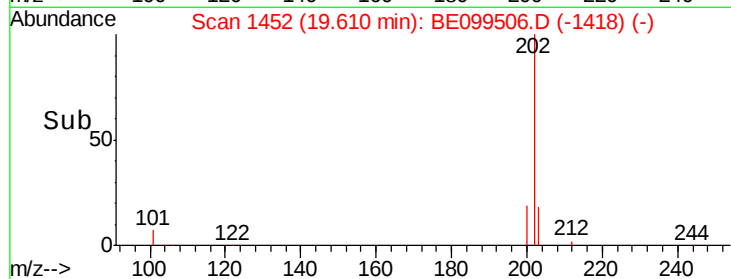
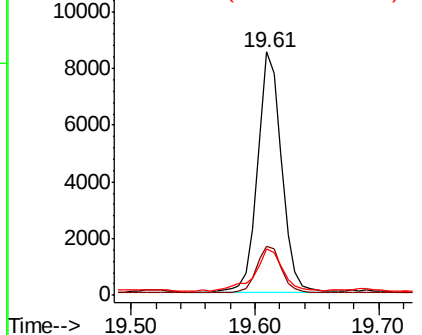


Abundance

Ion 202.00 (201.70 to 202.70): E

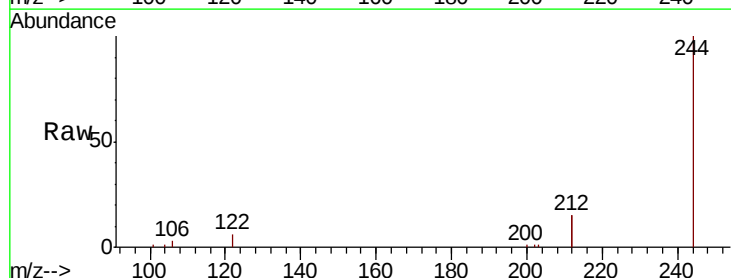
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	18197		
212	29.4	23.2	34.8	
122	6.4	4.2	6.4#	

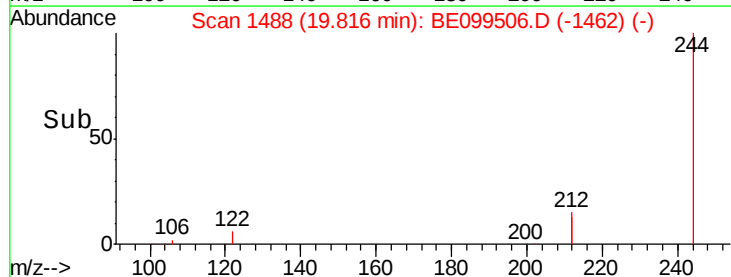
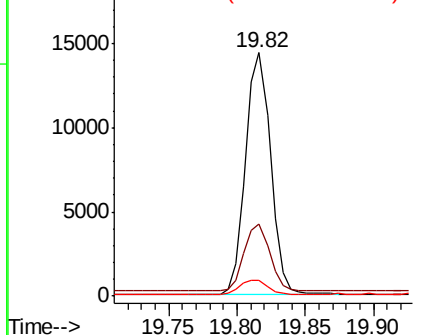


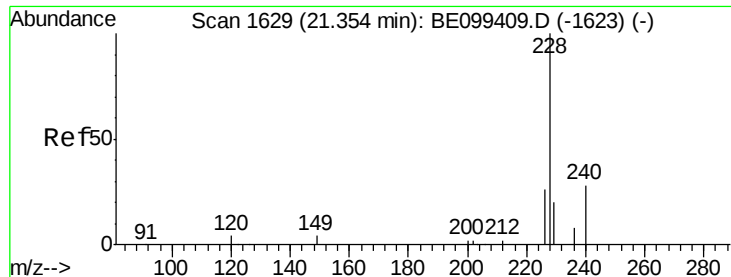
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





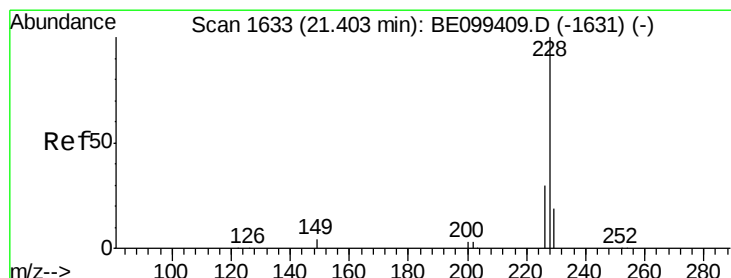
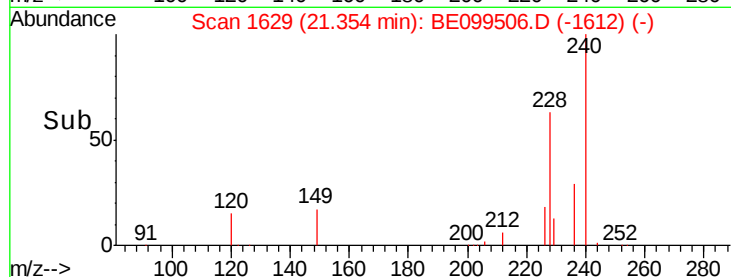
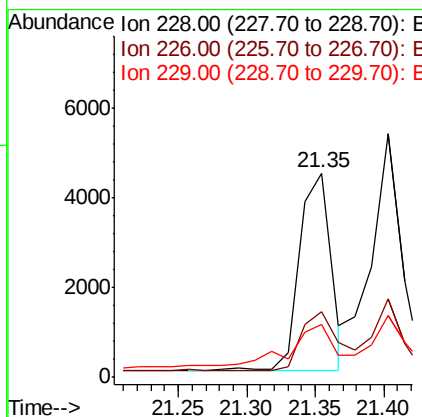
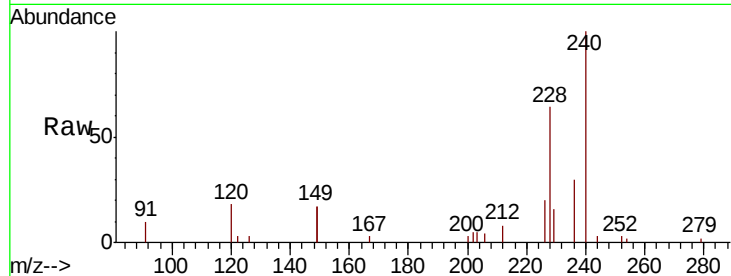
#30
Benzo(a)anthracene
Concen: 0.085 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Instrument :
BNA_E
ClientSampleId :
PST-001-B190-042419

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.0	31.6#
229	25.7	16.6	25.0#

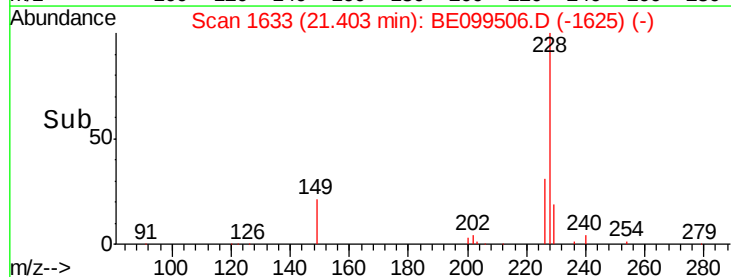
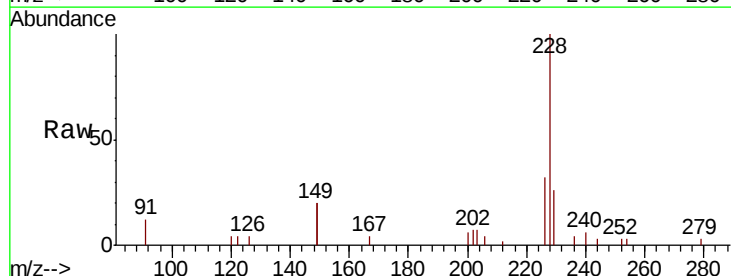
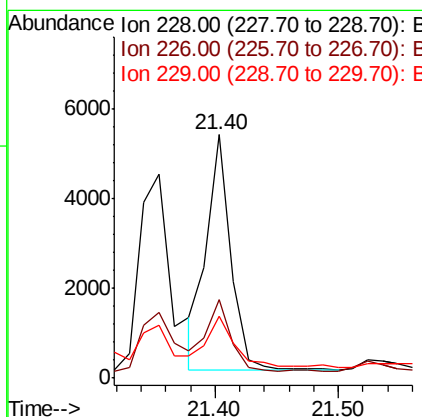
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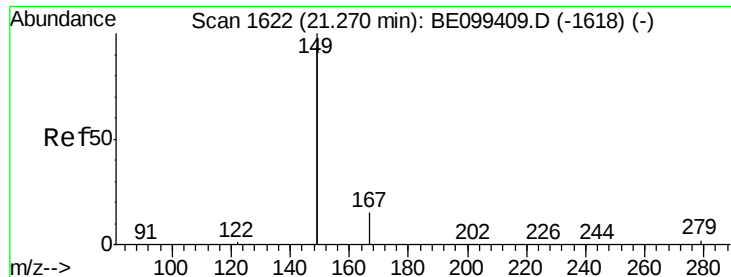
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#31
Chrysene
Concen: 0.088 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099506.D
Acq: 2 May 2019 22:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.0	36.0
229	25.7	15.8	23.8#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099506.D

Acq: 2 May 2019 22:55

Instrument :

BNA_E

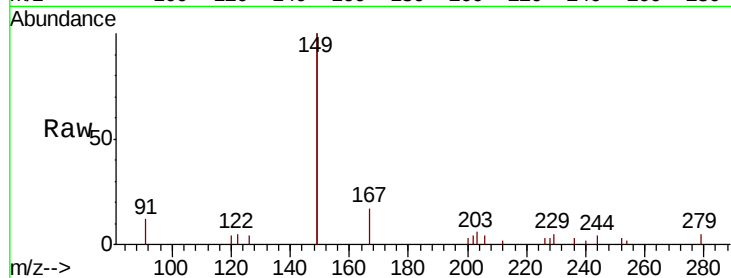
ClientSampleId :

PST-001-B190-042419

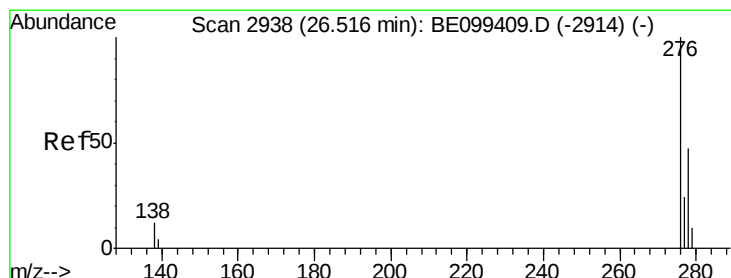
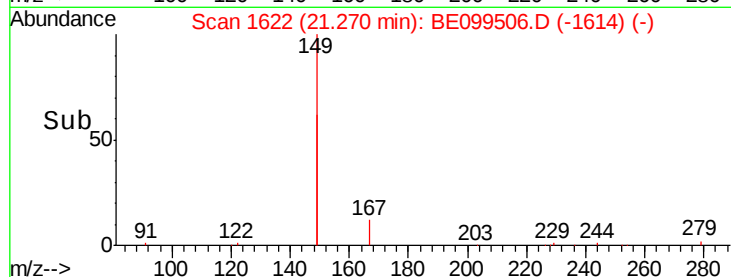
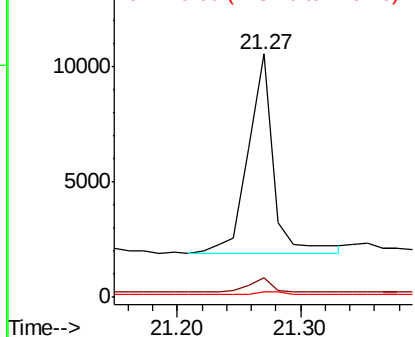
Tgt Ion:	149	Resp:	12405
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.8	8.6
279	1.6	1.0	1.6#

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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: 0.050 ng

RT: 26.52 min Scan# 2938

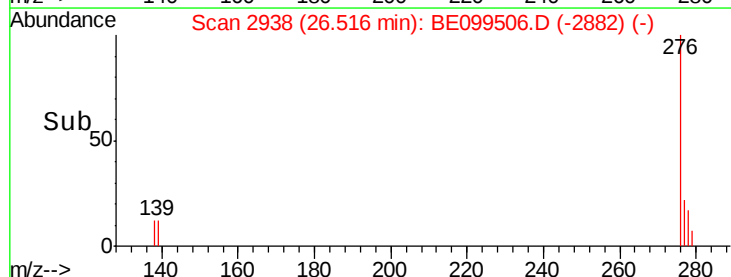
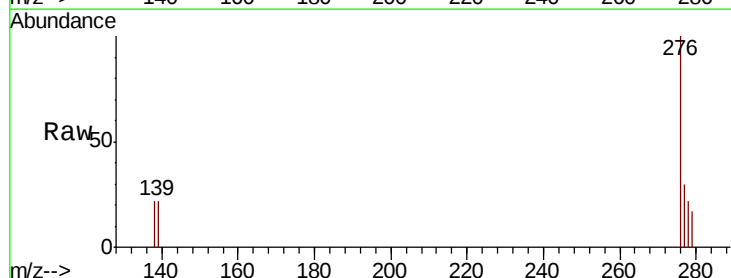
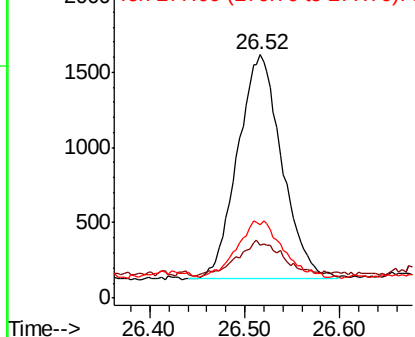
Delta R.T. -0.00 min

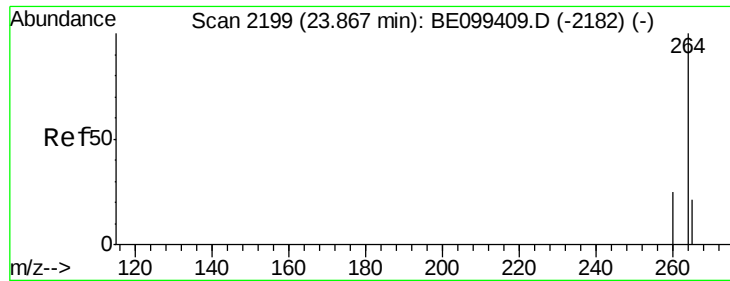
Lab File: BE099506.D

Acq: 2 May 2019 22:55

Tgt Ion:	276	Resp:	4815
Ion Ratio	Lower	Upper	
276	100		
138	16.6	10.2	15.2#
277	26.0	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





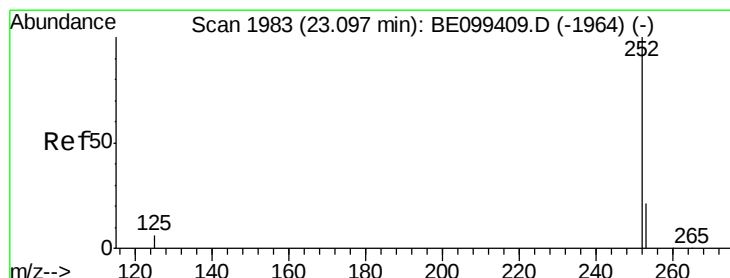
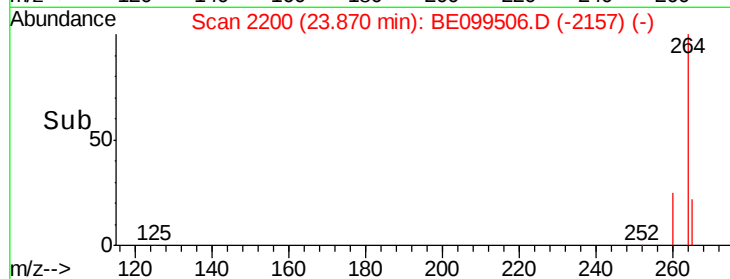
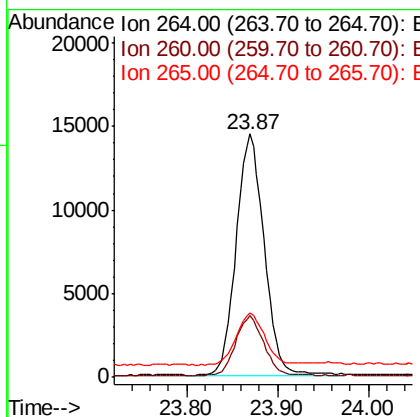
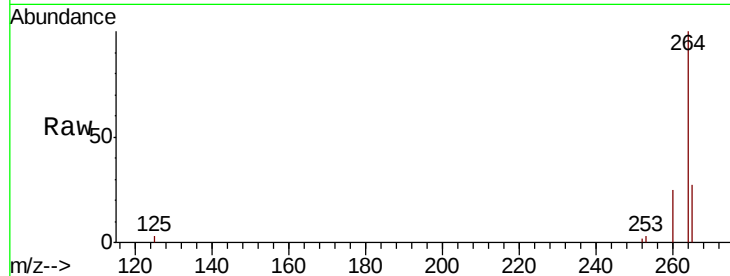
#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.87 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: BE099506.D
 Acq: 2 May 2019 22:55

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B190-042419

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	30649		
260	25.4		20.2	30.2
265	26.6		21.3	31.9

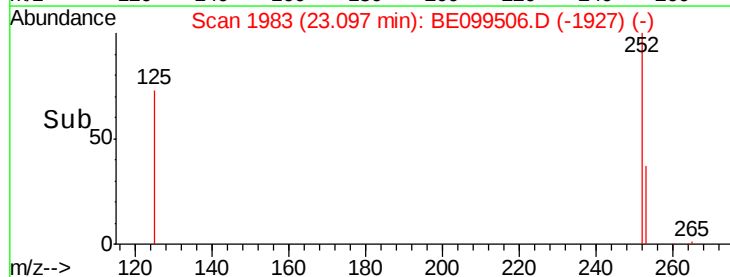
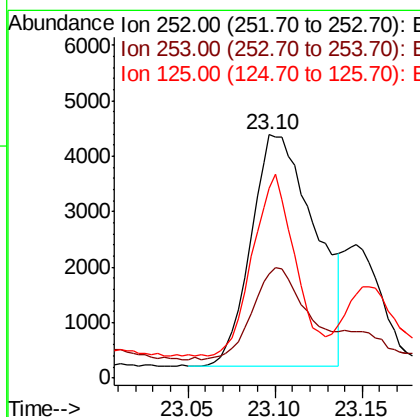
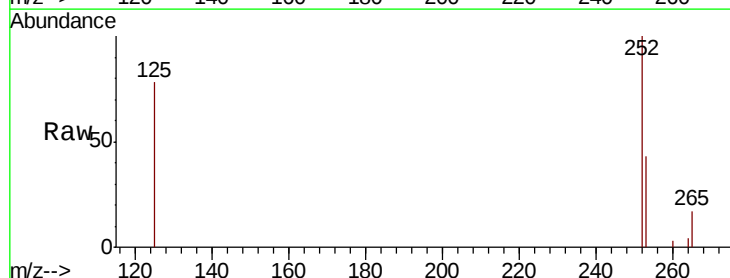
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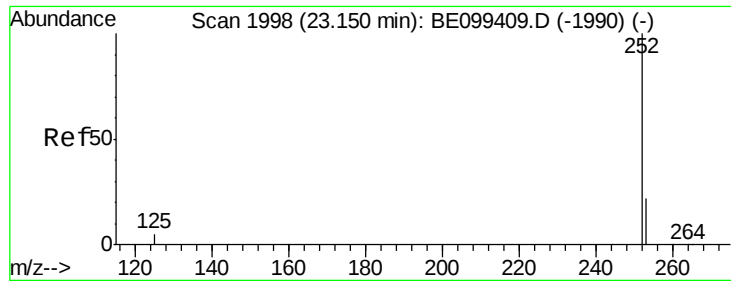
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#35
Benzo(b)fluoranthene
 Concen: 0.121 ng
 RT: 23.10 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BE099506.D
 Acq: 2 May 2019 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	10692		
253	42.6		18.1	27.1#
125	78.0		5.6	8.4#





#36

Benzo(k)fluoranthene

Concen: 0.041 ng m

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE099506.D

Acq: 2 May 2019 22:55

Instrument :

BNA_E

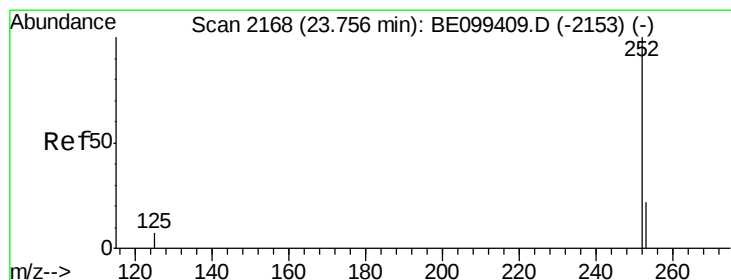
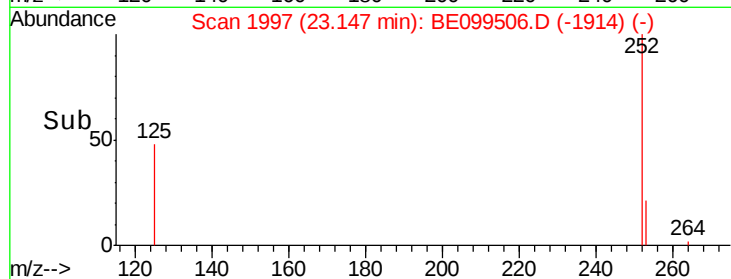
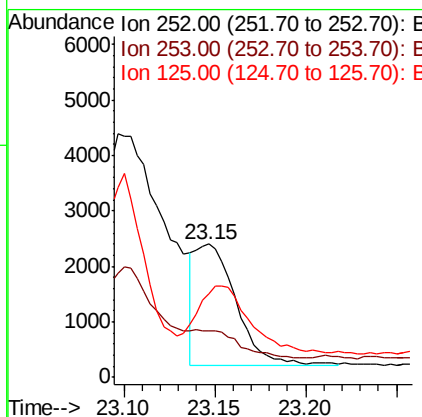
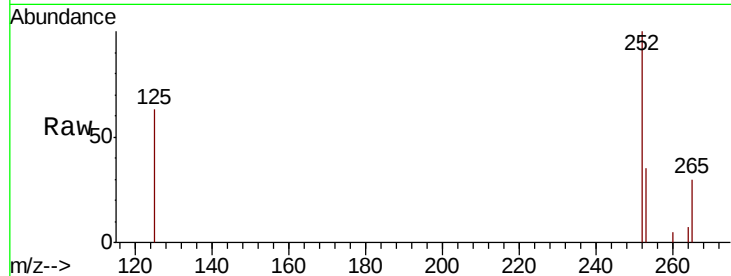
ClientSampleId :

PST-001-B190-042419

Tgt Ion:	252	Resp:	3457
Ion Ratio	Lower	Upper	
252	100		
253	35.2	18.4	27.6#
125	63.0	5.0	7.4#

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#37

Benzo(a)pyrene

Concen: 0.086 ng

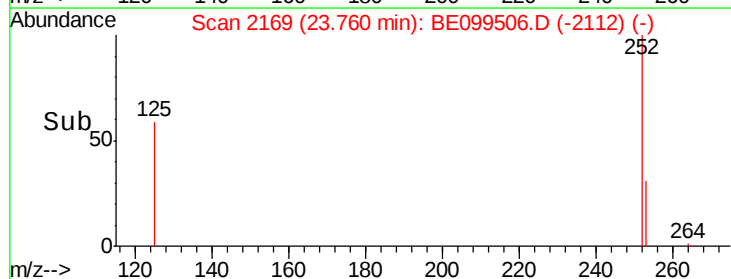
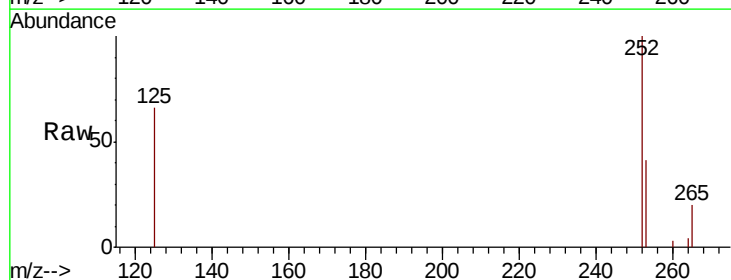
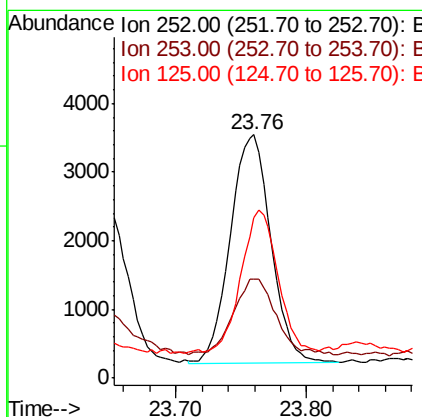
RT: 23.76 min Scan# 2169

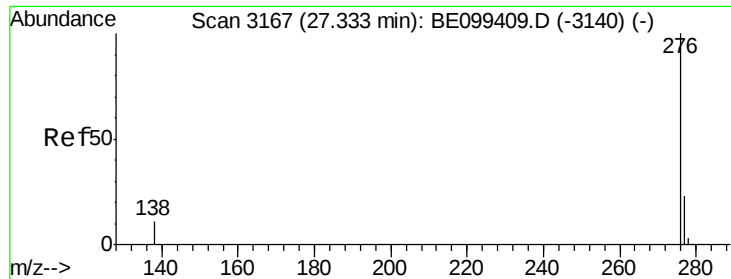
Delta R.T. 0.00 min

Lab File: BE099506.D

Acq: 2 May 2019 22:55

Tgt Ion:	252	Resp:	7174
Ion Ratio	Lower	Upper	
252	100		
253	40.7	18.9	28.3#
125	65.7	6.7	10.1#





#39

Benzo(g,h,i)perylene

Concen: 0.058 ng

RT: 27.34 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BE099506.D

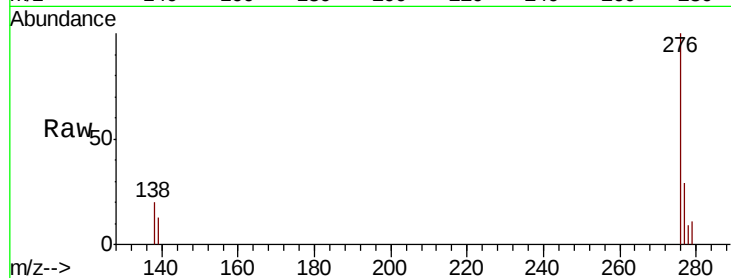
Acq: 2 May 2019 22:55

Instrument :

BNA_E

ClientSampleId :

PST-001-B190-042419



Tgt Ion:	276	Resp:	4967
Ion Ratio	Lower	Upper	
276	100		
277	28.8	19.5	29.3
138	20.1	9.6	14.4

Manual Integrations
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