

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099467.D
 Acq On : 1 May 2019 17:09
 Operator : JU/SJ
 Sample : K2588-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B192-042519

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:47:33 PM

Quant Time: May 02 08:19:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1977	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7505	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6031	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20077	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24633	0.40	ng	0.00
34) Perylene-d12	23.86	264	28169	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2231	0.41	ng	0.00
5) Phenol-d6	6.97	99	3342	0.46	ng	0.00
8) Nitrobenzene-d5	8.96	82	2703	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	5142	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1676	0.44	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	7774	0.34	ng	-0.01
25) Fluoranthene-d10	19.22	212	94191	0.35	ng	0.00
29) Terphenyl-d14	19.81	244	19013	0.42	ng	0.00
Target Compounds						Qvalue
23) Phenanthrene	17.23	178	4159	0.080	ng	97
26) Fluoranthene	19.25	202	9148	0.118	ng	98
28) Pyrene	19.61	202	9027	0.141	ng	# 95
30) Benzo(a)anthracene	21.34	228	5488	0.070	ng	94
31) Chrysene	21.40	228	5800m	0.076	ng	
33) Indeno(1,2,3-cd)pyrene	26.50	276	3653	0.040	ng	# 93
35) Benzo(b)fluoranthene	23.10	252	7515	0.093	ng	# 69
36) Benzo(k)fluoranthene	23.13	252	2900m	0.037	ng	
37) Benzo(a)pyrene	23.75	252	5108	0.067	ng	# 69
39) Benzo(g,h,i)perylene	27.33	276	3622	0.046	ng	# 85

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

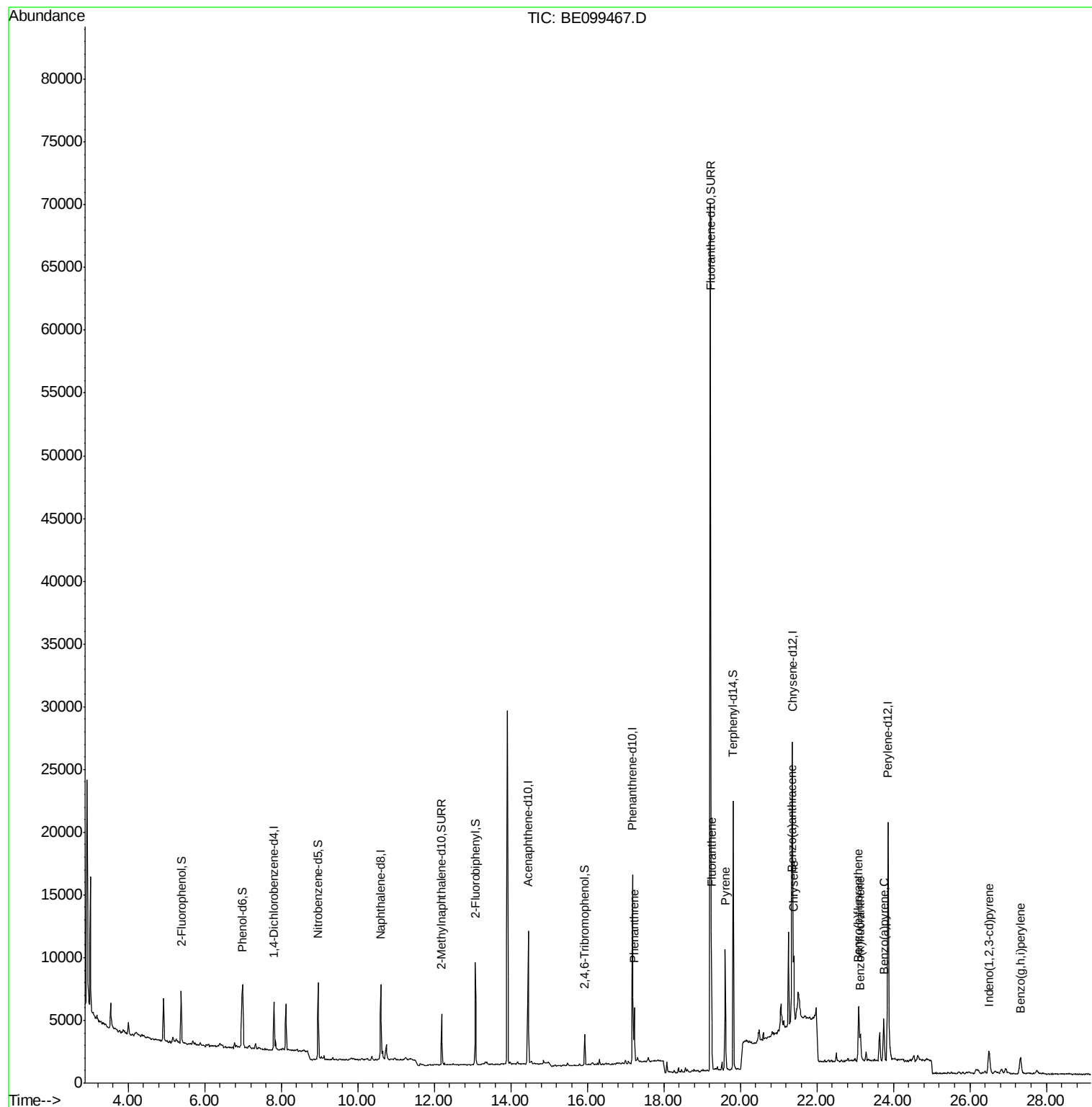
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
Data File : BE099467.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099467.D

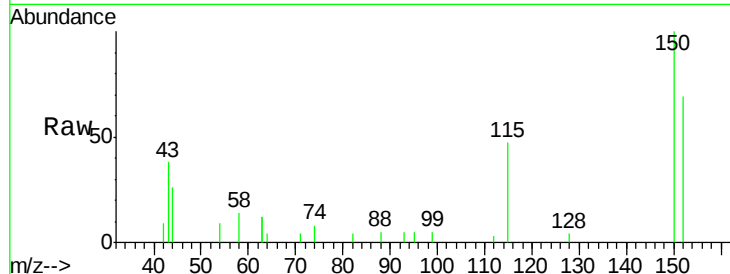
Acq: 1 May 2019 17:09

Instrument :

BNA_E

ClientSampleId :

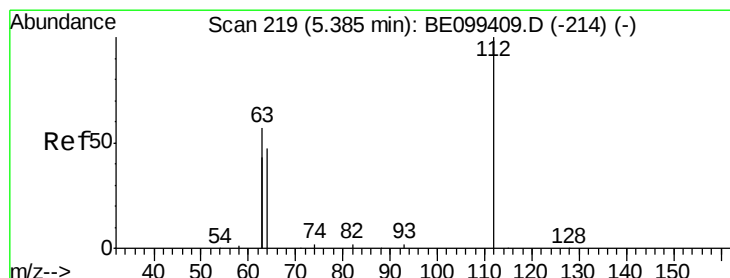
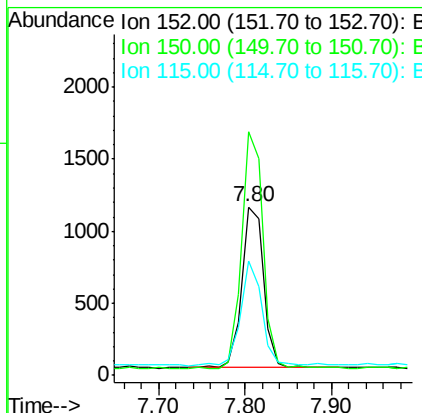
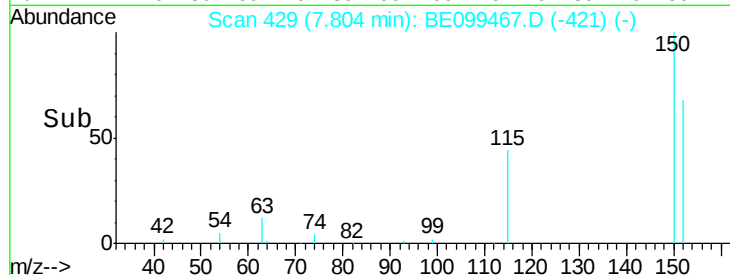
PST-001-B192-042519



Tgt Ion:	152	Resp:	1977
Ion Ratio	Lower	Upper	
152	100		
150	144.3	104.8	157.2
115	67.6	46.6	69.8

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#4

2-Fluorophenol

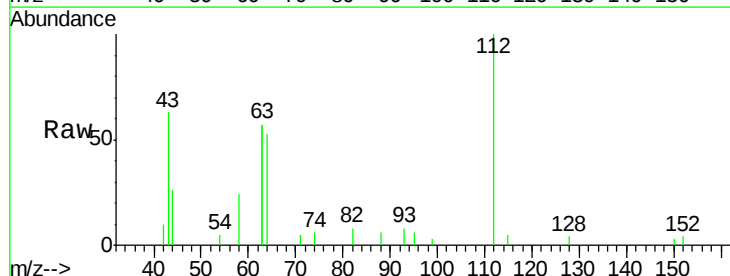
Concen: 0.408 ng

RT: 5.39 min Scan# 219

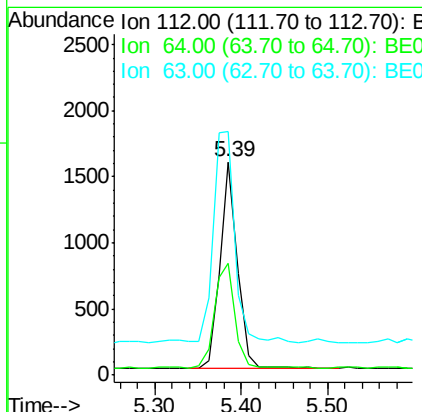
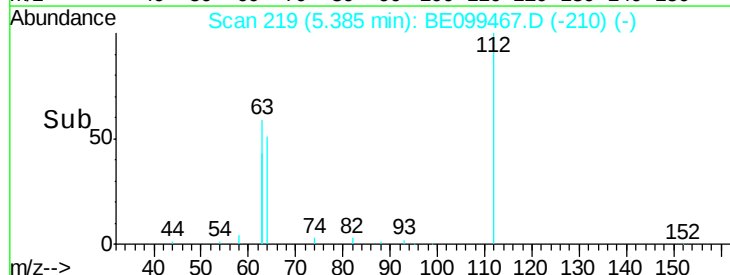
Delta R.T. -0.00 min

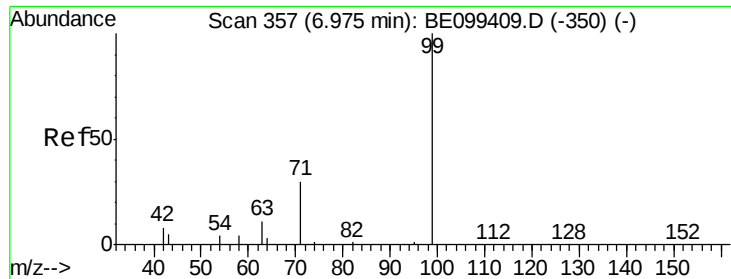
Lab File: BE099467.D

Acq: 1 May 2019 17:09



Tgt Ion:	112	Resp:	2231
Ion Ratio	Lower	Upper	
112	100		
64	59.1	47.4	71.0
63	126.7	104.3	156.5





#5

Phenol-d6

Concen: 0.460 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099467.D

Acq: 1 May 2019 17:09

Instrument :

BNA_E

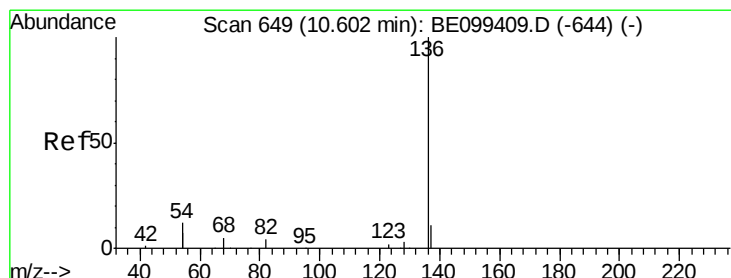
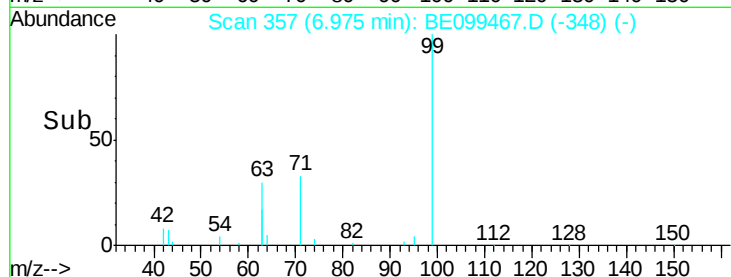
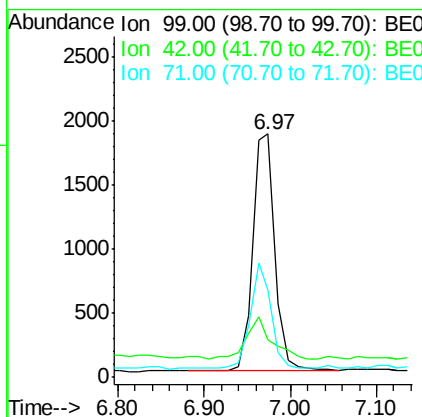
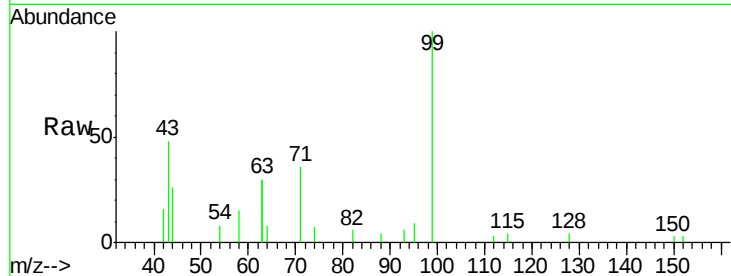
ClientSampleId :

PST-001-B192-042519

Tgt Ion:	99	Resp:	3342
Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.9	22.3
71	41.4	33.0	49.6

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#7

Naphthalene-d8

Concen: 0.400 ng

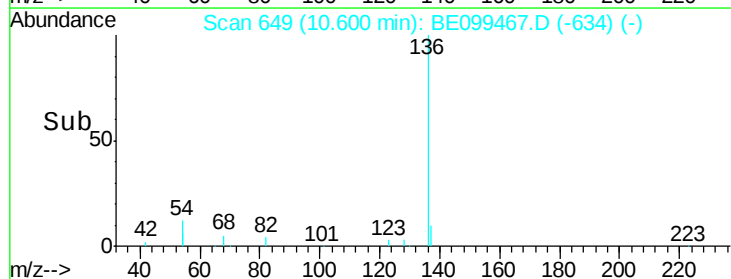
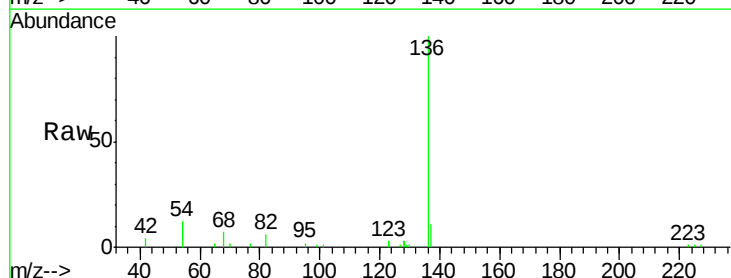
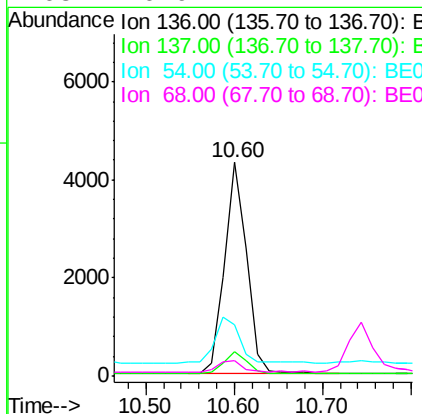
RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099467.D

Acq: 1 May 2019 17:09

Tgt Ion:	136	Resp:	7505
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.8
54	24.0	18.5	27.7
68	6.9	4.7	7.1





#8

Nitrobenzene-d5

Concen: 0.384 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099467.D

Acq: 1 May 2019 17:09

Instrument :

BNA_E

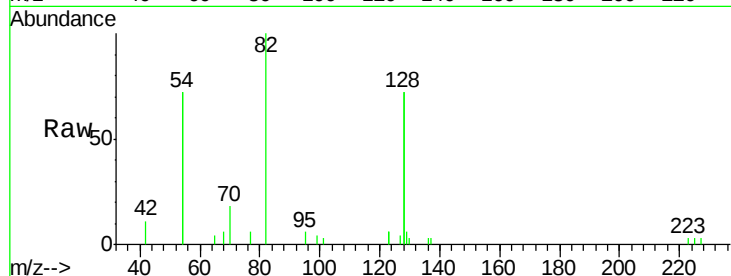
ClientSampleId :

PST-001-B192-042519

Tgt Ion:	82	Resp:	2703
Ion	Ratio	Lower	Upper
82	100		
128	143.5	107.0	160.4
54	143.7	113.1	169.7

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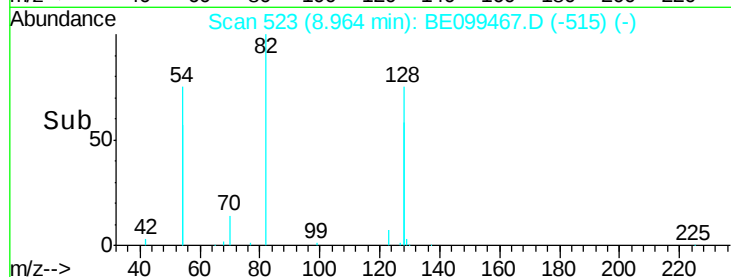


Abundance Ion 82.00 (81.70 to 82.70): BE099409.D (-520) (-)

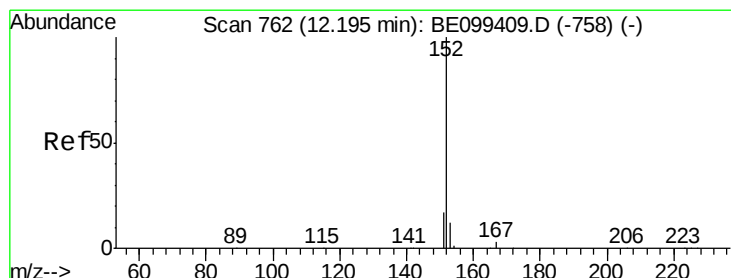
Ion 128.00 (127.70 to 128.70): BE099409.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BE099409.D (-520) (-)

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

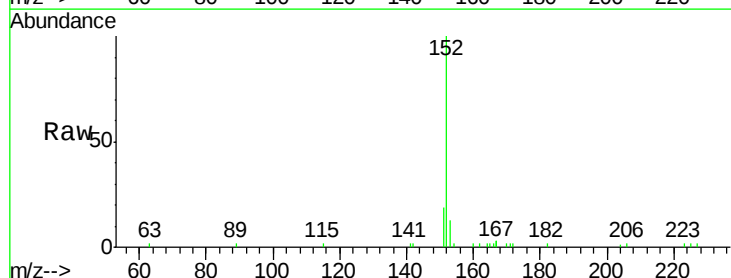
RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099467.D

Acq: 1 May 2019 17:09

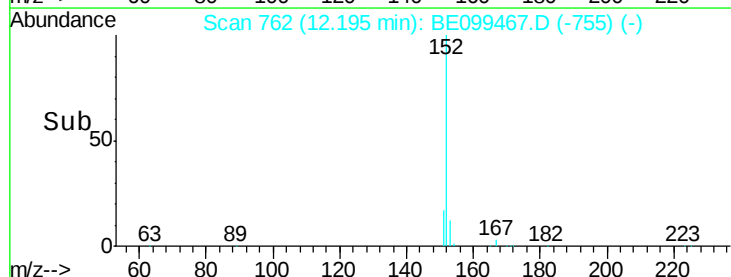
Tgt Ion:	152	Resp:	5142
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3



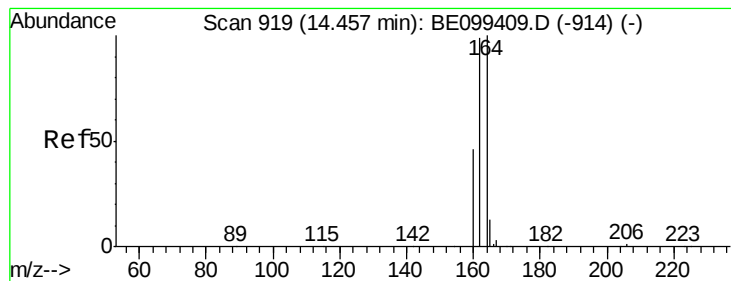
Abundance Ion 152.00 (151.70 to 152.70): BE099409.D (-758) (-)

Ion 151.00 (150.70 to 151.70): BE099409.D (-758) (-)

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099467.D

Acq: 1 May 2019 17:09

Instrument :

BNA_E

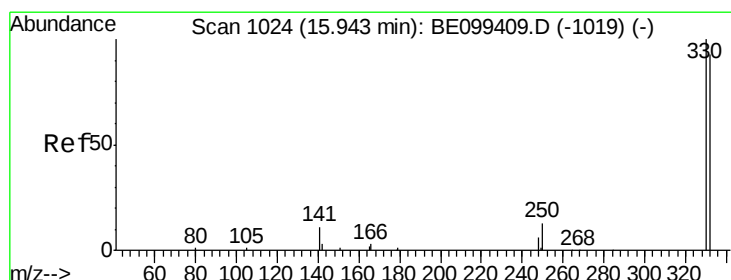
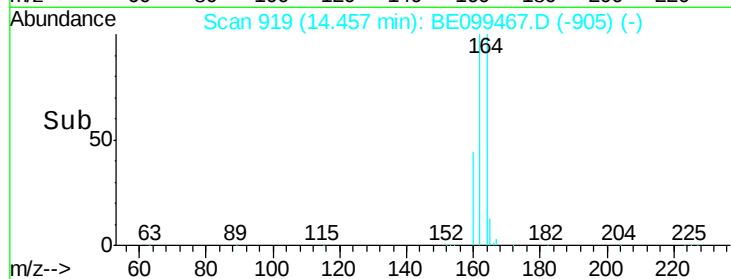
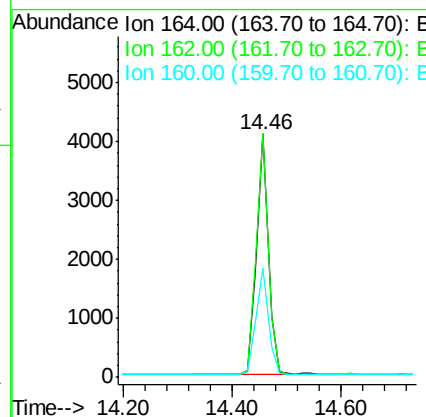
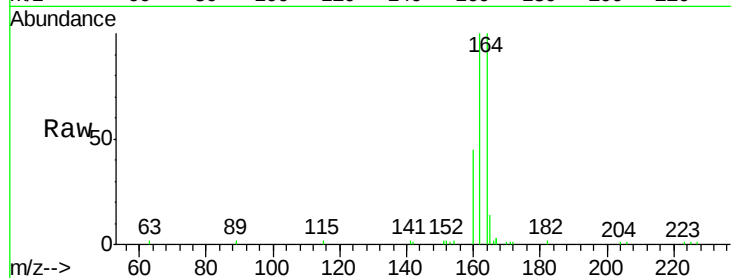
ClientSampleId :

PST-001-B192-042519

Tgt Ion:	164	Resp:	6031
Ion Ratio	Lower	Upper	
164	100		
162	99.9	79.0	118.4
160	44.9	37.0	55.4

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#14

2,4,6-Tribromophenol

Concen: 0.441 ng

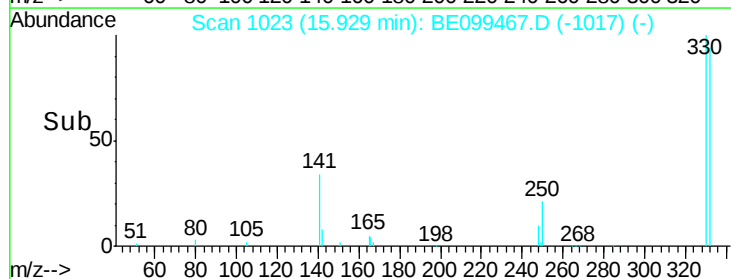
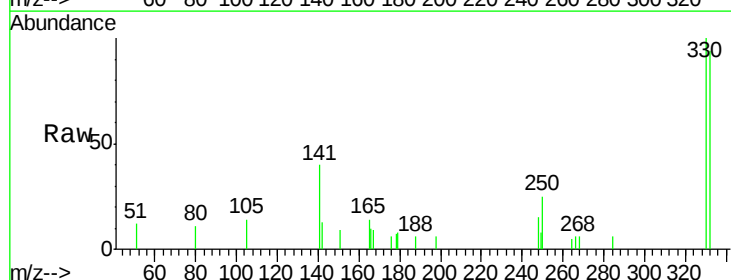
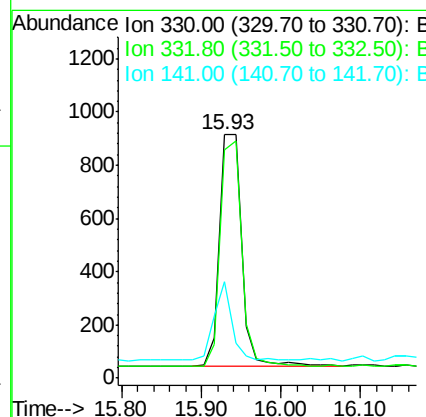
RT: 15.93 min Scan# 1023

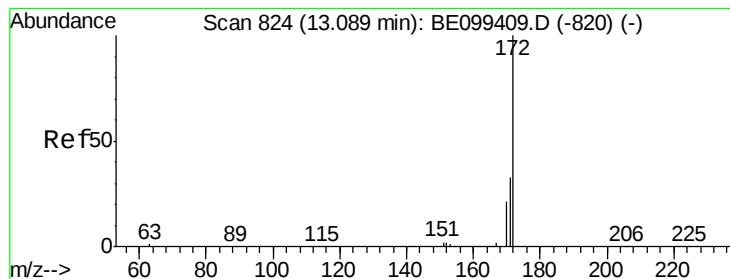
Delta R.T. -0.01 min

Lab File: BE099467.D

Acq: 1 May 2019 17:09

Tgt Ion:	330	Resp:	1676
Ion Ratio	Lower	Upper	
330	100		
332	94.7	71.5	107.3
141	27.4	24.0	36.0





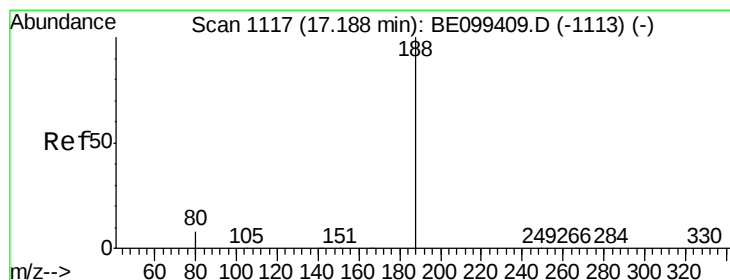
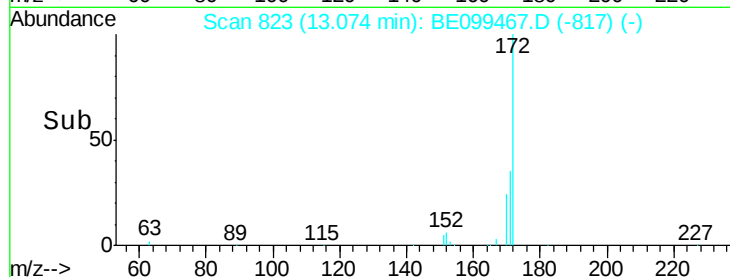
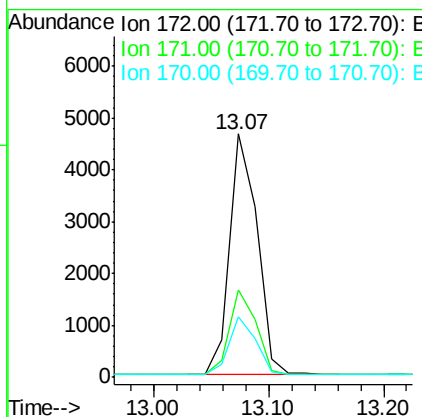
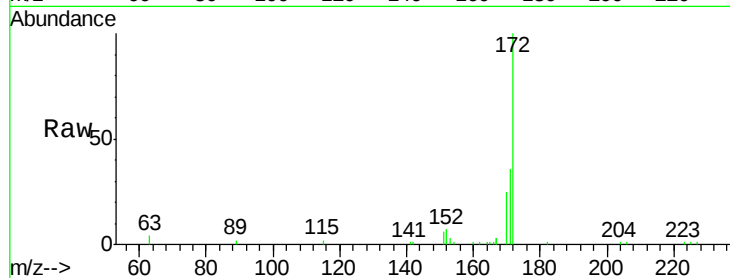
#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

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BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.6	39.8
170	24.9	17.0	25.6

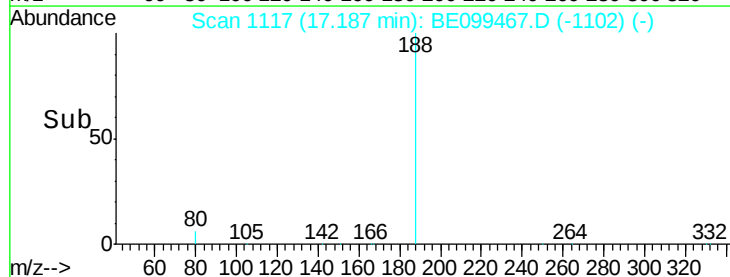
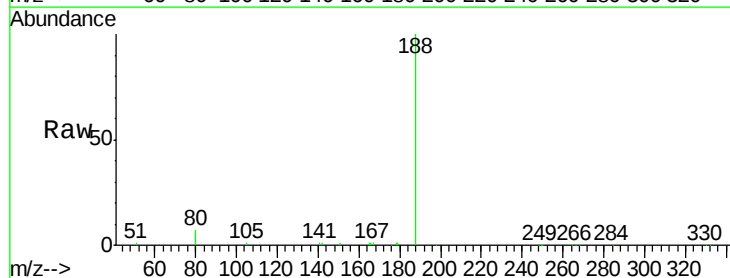
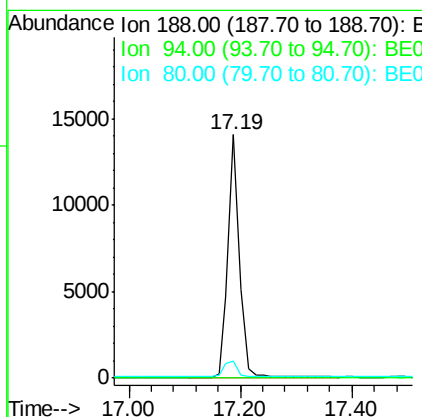
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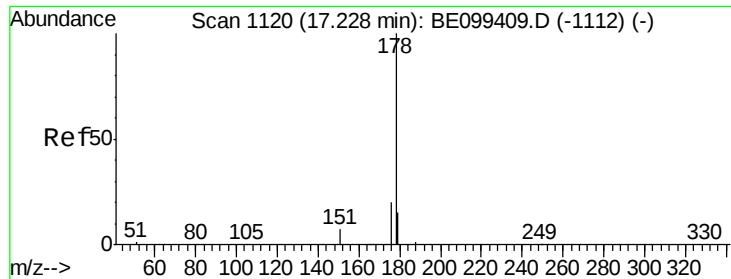
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.7	10.1





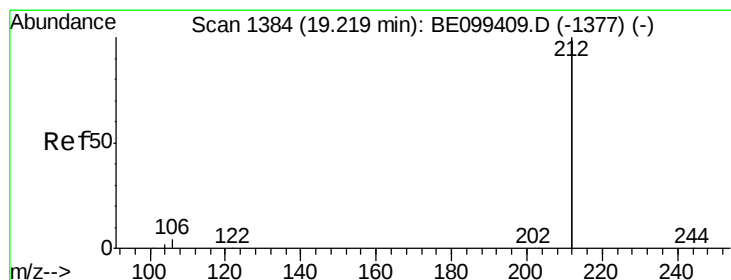
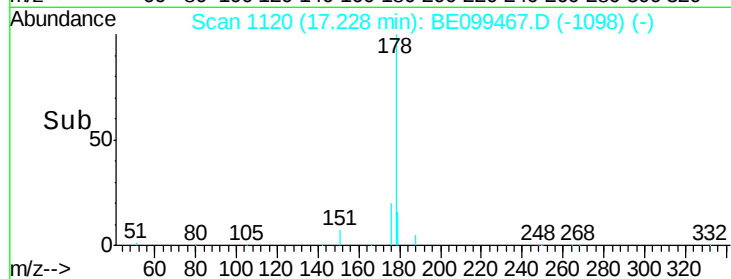
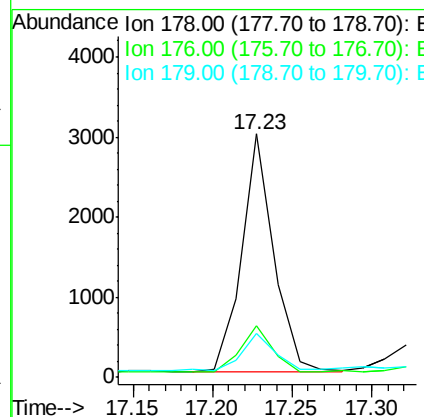
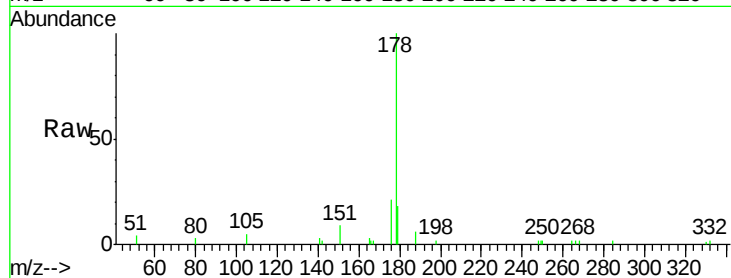
#23
Phenanthrene
Concen: 0.080 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Instrument :
BNA_E
ClientSampleId :
PST-001-B192-042519

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	17.7	12.0	18.0

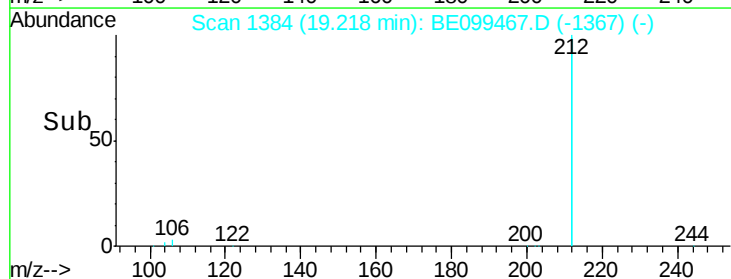
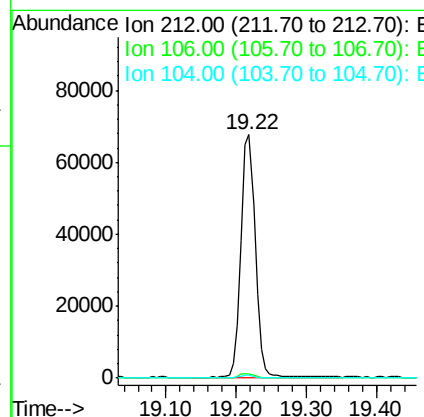
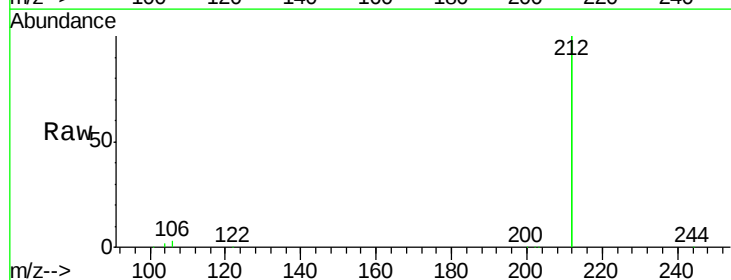
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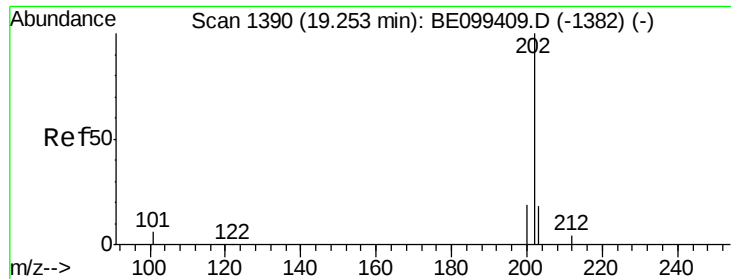
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#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099467.D
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Tgt Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3





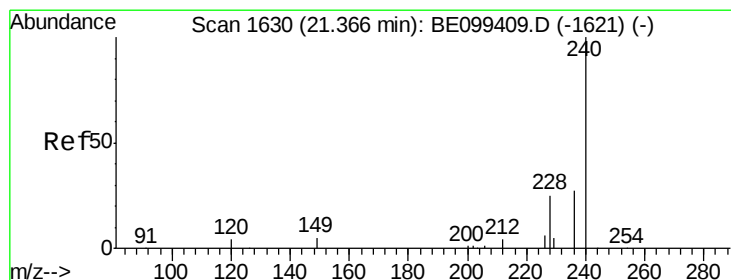
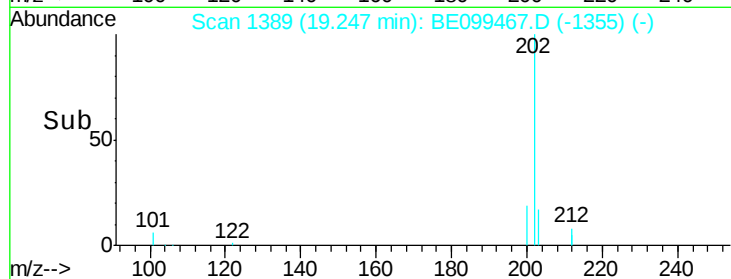
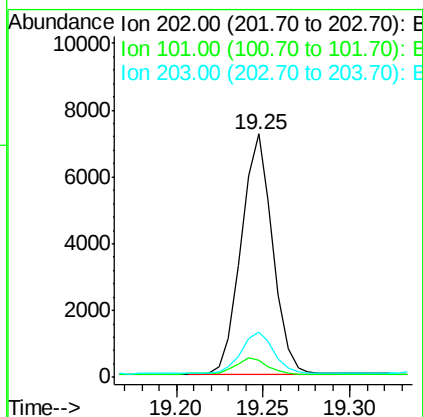
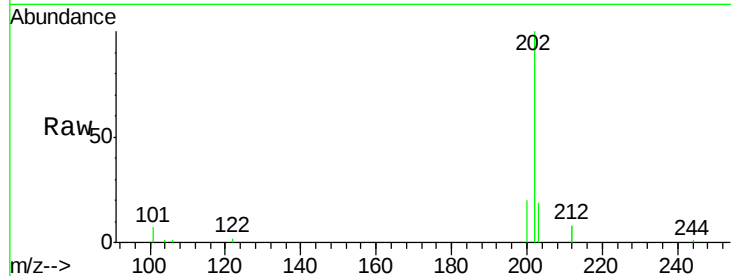
#26
 Fluoranthene
 Concen: 0.118 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BE099467.D
 Acq: 1 May 2019 17:09

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B192-042519

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	5.4	8.0
203	18.1	13.9	20.9

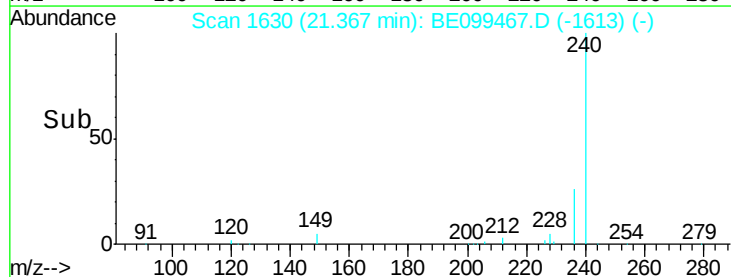
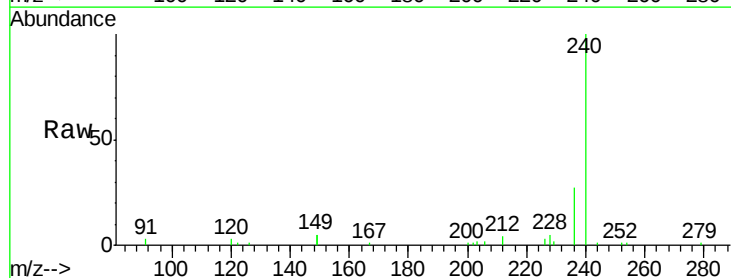
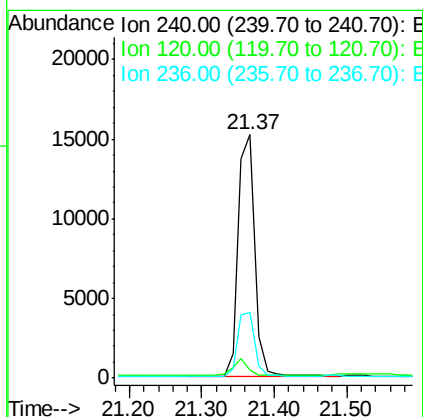
Manual Integrations
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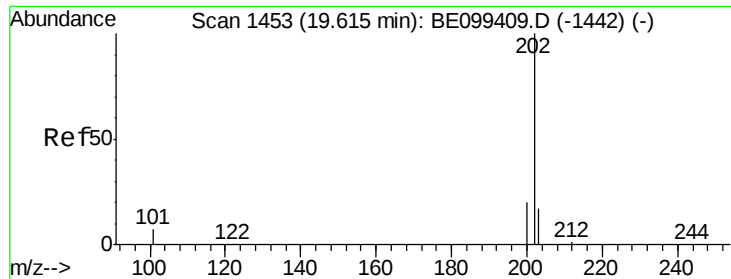
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099467.D
 Acq: 1 May 2019 17:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.2	4.0	6.0#
236	27.0	22.0	33.0





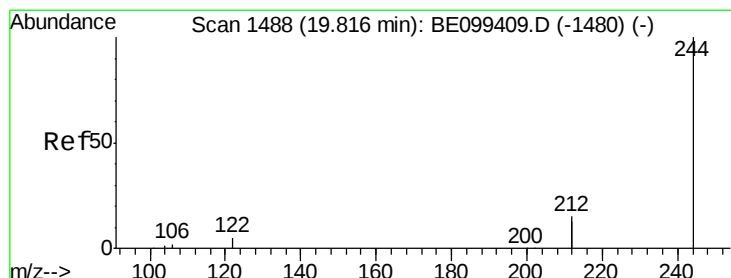
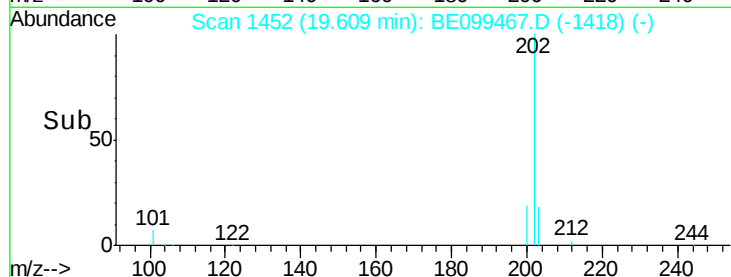
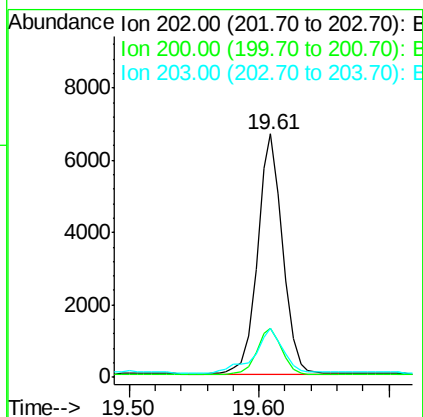
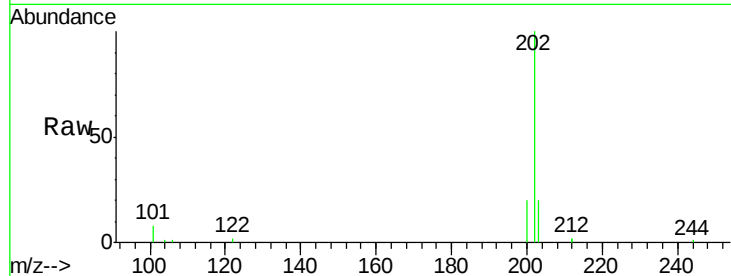
#28
Pyrene
Concen: 0.141 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Instrument :
BNA_E
ClientSampleId :
PST-001-B192-042519

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.6	15.7	23.5
203	21.7	13.9	20.9

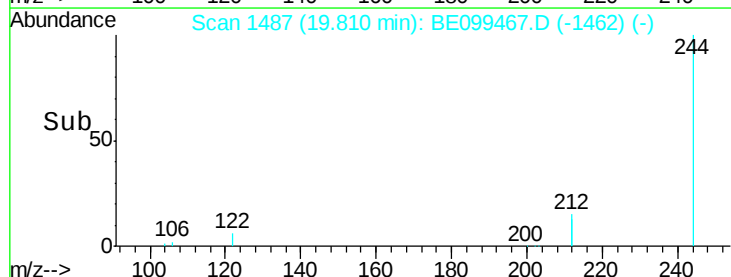
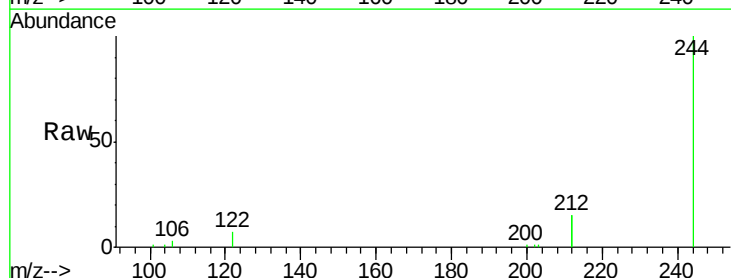
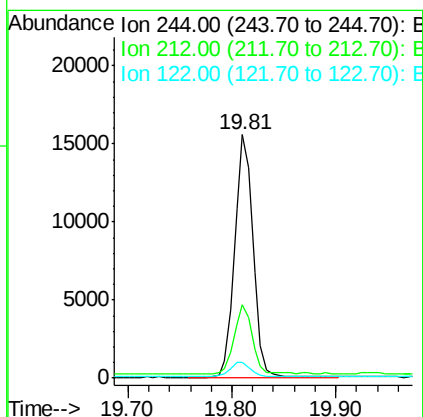
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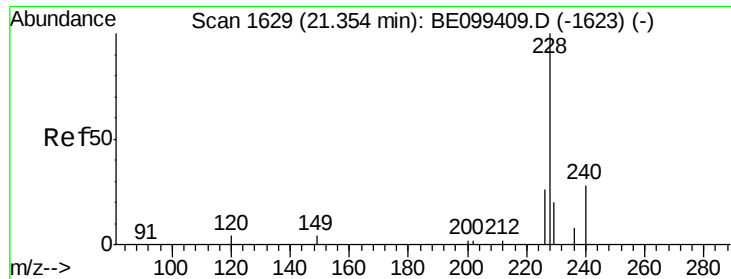
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#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	30.3	23.2	34.8
122	6.5	4.2	6.4





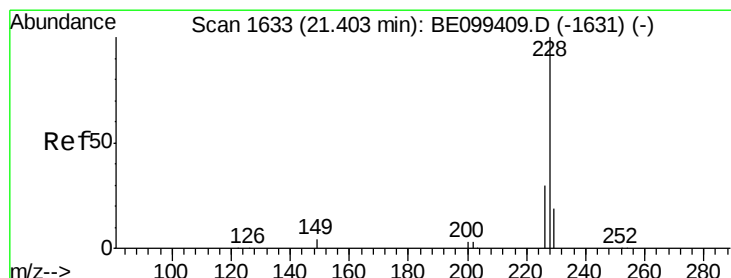
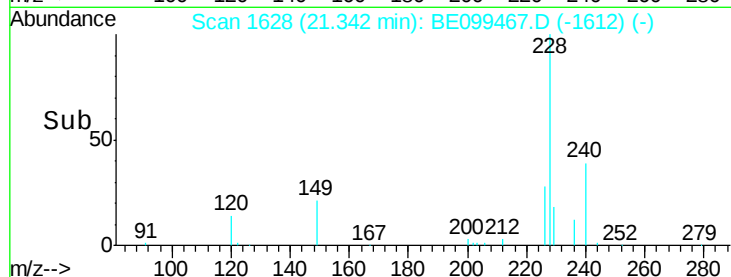
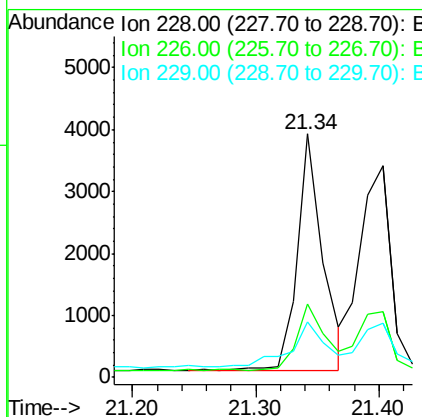
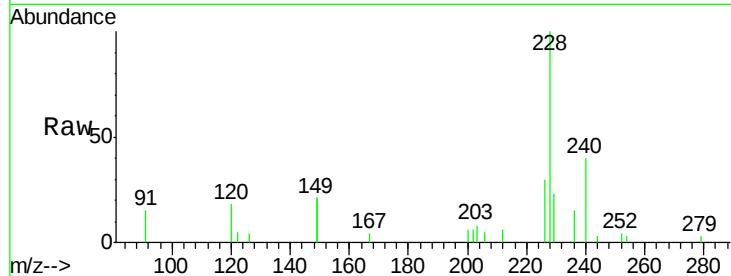
#30
Benzo(a)anthracene
Concen: 0.070 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Instrument :
BNA_E
ClientSampleId :
PST-001-B192-042519

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.6
229	22.6	16.6	25.0

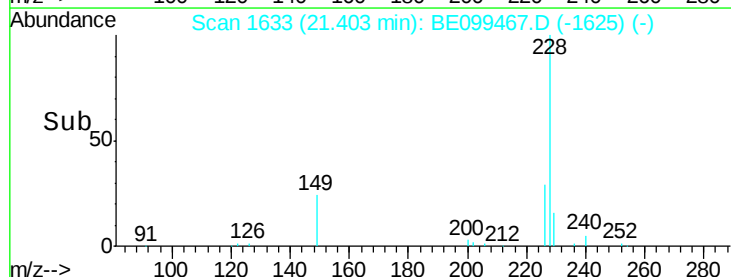
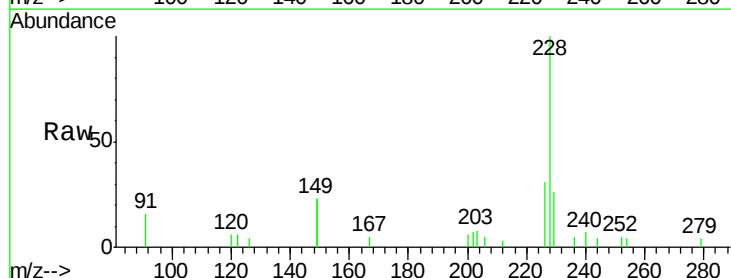
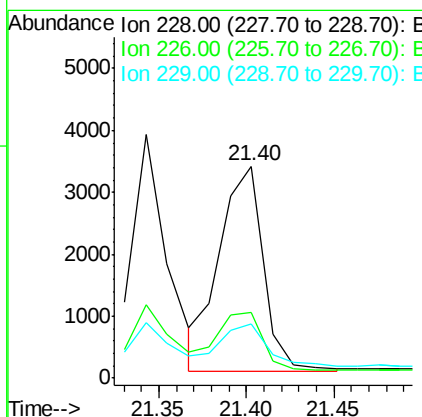
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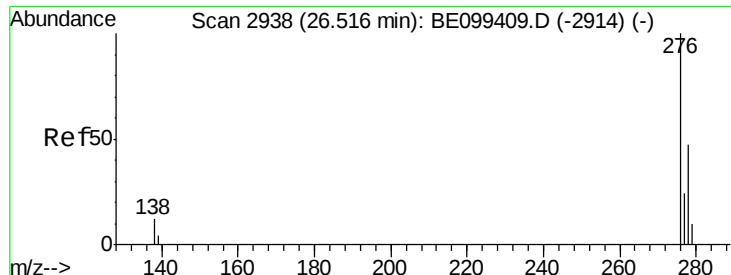
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#31
Chrysene
Concen: 0.076 ng m
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

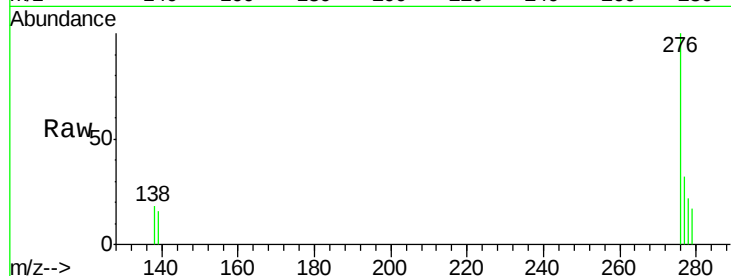
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	25.8	15.8	23.8#





#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.040 ng
 RT: 26.50 min Scan# 2933
 Delta R.T. -0.02 min
 Lab File: BE099467.D
 Acq: 1 May 2019 17:09

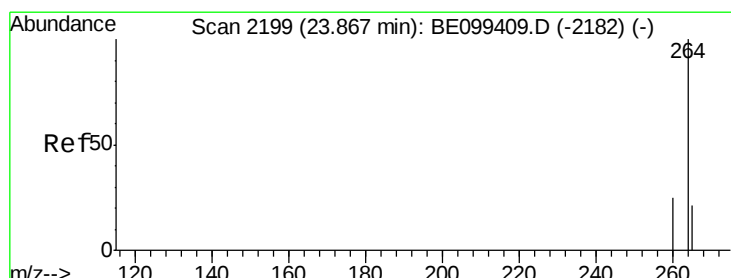
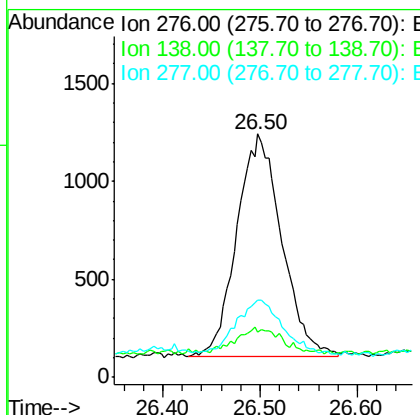
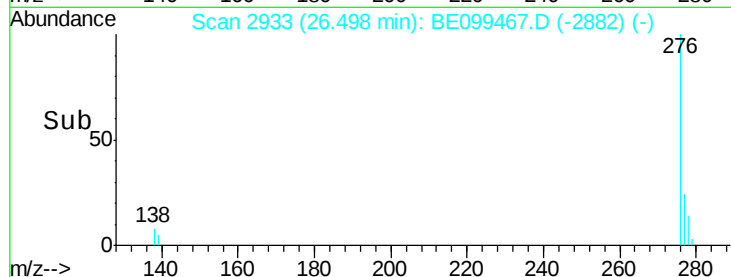
Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B192-042519



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	4.9	10.2	15.2#
277	23.8	19.2	28.8

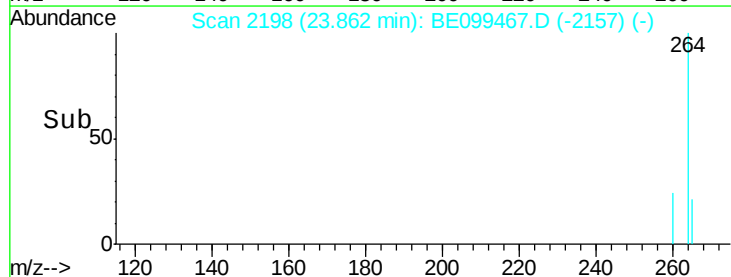
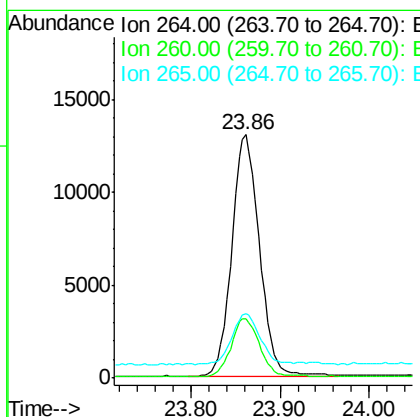
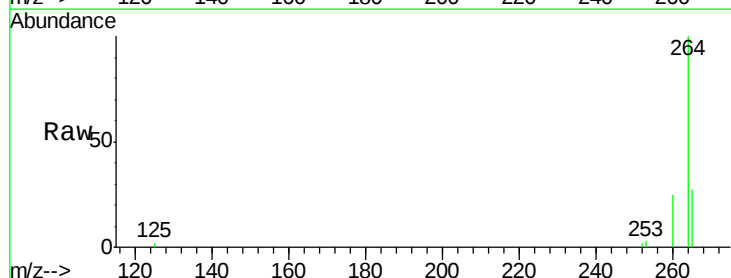
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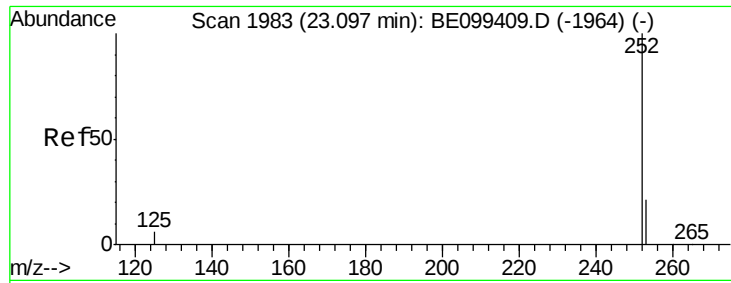
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099467.D
 Acq: 1 May 2019 17:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.6	20.2	30.2
265	26.7	21.3	31.9





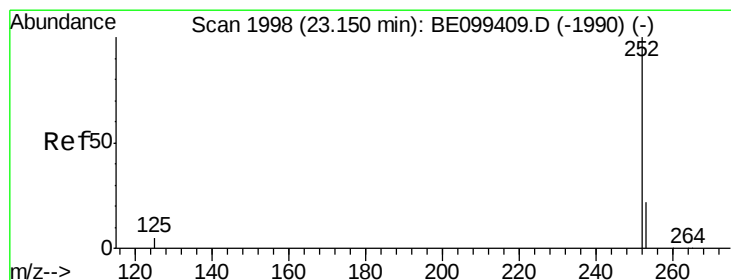
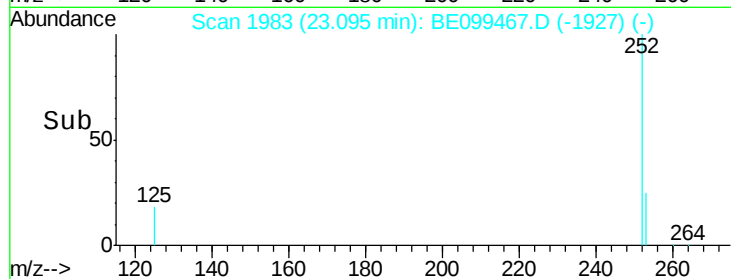
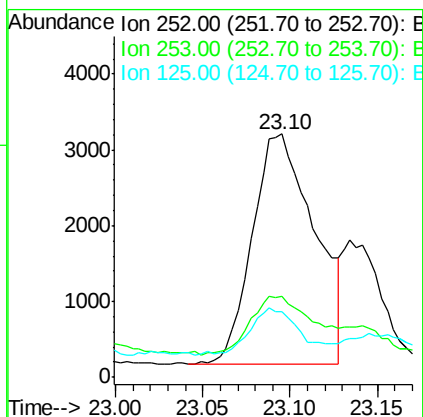
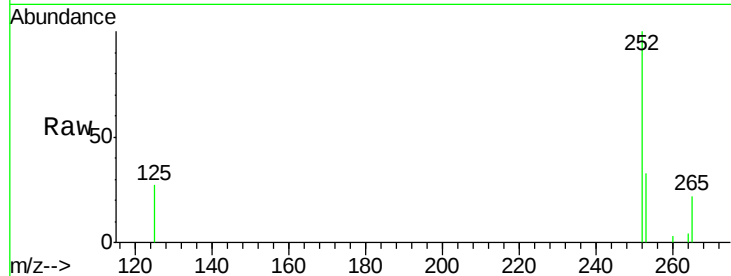
#35
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Instrument :
BNA_E
ClientSampleId :
PST-001-B192-042519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.4	18.1	27.1#
125	27.0	5.6	8.4#

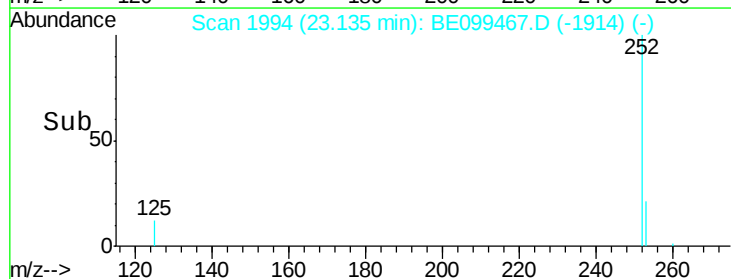
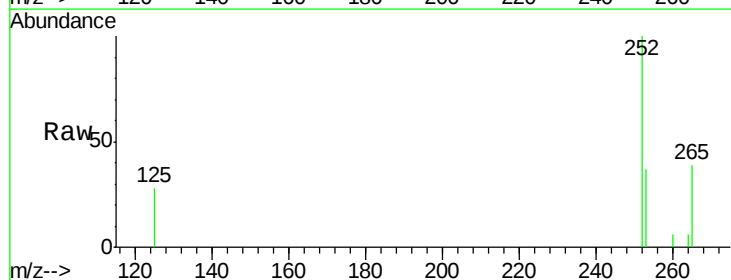
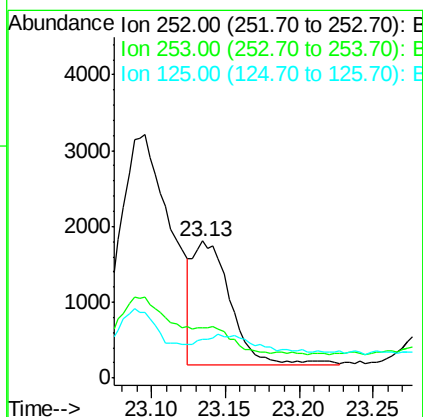
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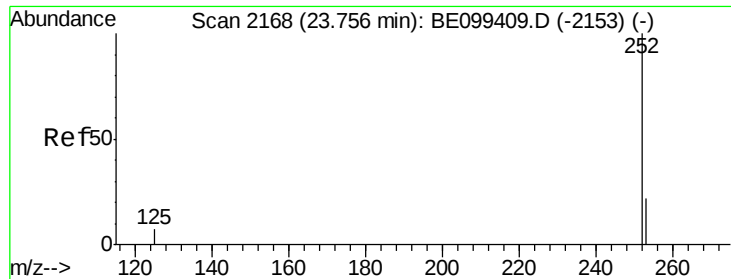
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#36
Benzo(k)fluoranthene
Concen: 0.037 ng m
RT: 23.13 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.6	18.4	27.6#
125	28.3	5.0	7.4#





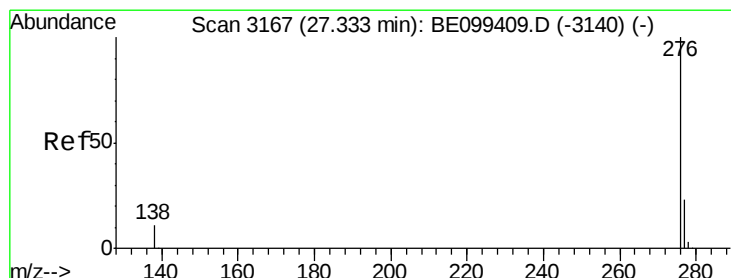
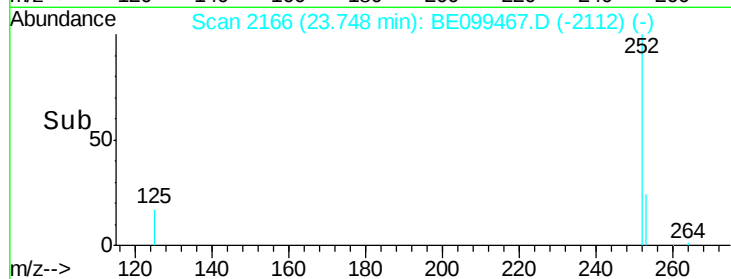
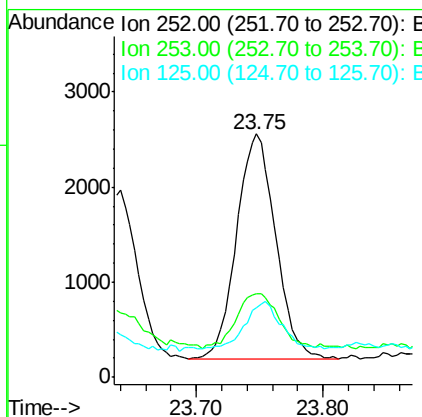
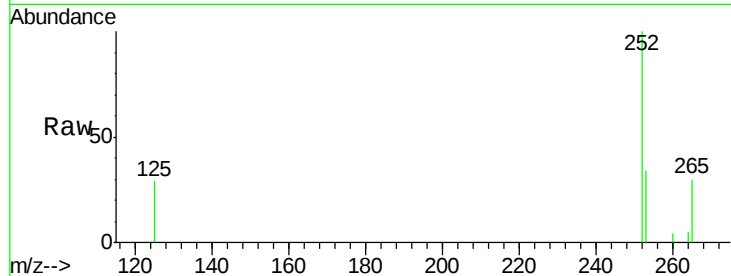
#37
Benzo(a)pyrene
Concen: 0.067 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Instrument :
BNA_E
ClientSampleId :
PST-001-B192-042519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.4	18.9	28.3#
125	28.5	6.7	10.1#

Manual Integrations
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5/2/2019 4:47:33 PM



#39
Benzo(g,h,i)perylene
Concen: 0.046 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE099467.D
Acq: 1 May 2019 17:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.5	29.3#
138	19.5	9.6	14.4#

