

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099085.D
 Acq On : 22 Mar 2019 18:18
 Operator : JU/SJ
 Sample : K1948-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B126-031319

Manual Integrations
 APPROVED

Sohil
 3/25/2019 12:11:51 PM

Quant Time: Mar 23 01:22:41 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 23 00:46:37 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3571	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	13396	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	8076	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	22445	0.40	ng	0.00
27) Chrysene-d12	21.39	240	32102	0.40	ng	0.00
34) Perylene-d12	23.90	264	37340	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4326	0.41	ng	0.00
5) Phenol-d6	6.99	99	5977	0.39	ng	0.00
8) Nitrobenzene-d5	8.99	82	2764m	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	8709	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	964	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	12124	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	102709	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	16117	0.24	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.87	266	173	0.288	ng	84
23) Phenanthrene	17.25	178	5809	0.087	ng	97
26) Fluoranthene	19.27	202	9989	0.107	ng	# 97
28) Pyrene	19.63	202	9883	0.091	ng	96
30) Benzo(a)anthracene	21.37	228	5617	0.050	ng	95
31) Chrysene	21.43	228	6567	0.058	ng	94
32) Bis(2-ethylhexyl)phthalate	21.31	149	21139	0.144	ng	98
33) Indeno(1,2,3-cd)pyrene	26.56	276	3690	0.030	ng	# 87
35) Benzo(b)fluoranthene	23.13	252	8299	0.064	ng	# 85
36) Benzo(k)fluoranthene	23.17	252	3508m	0.028	ng	
37) Benzo(a)pyrene	23.79	252	5427	0.045	ng	# 88
39) Benzo(g,h,i)perylene	27.38	276	3815	0.032	ng	# 90

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

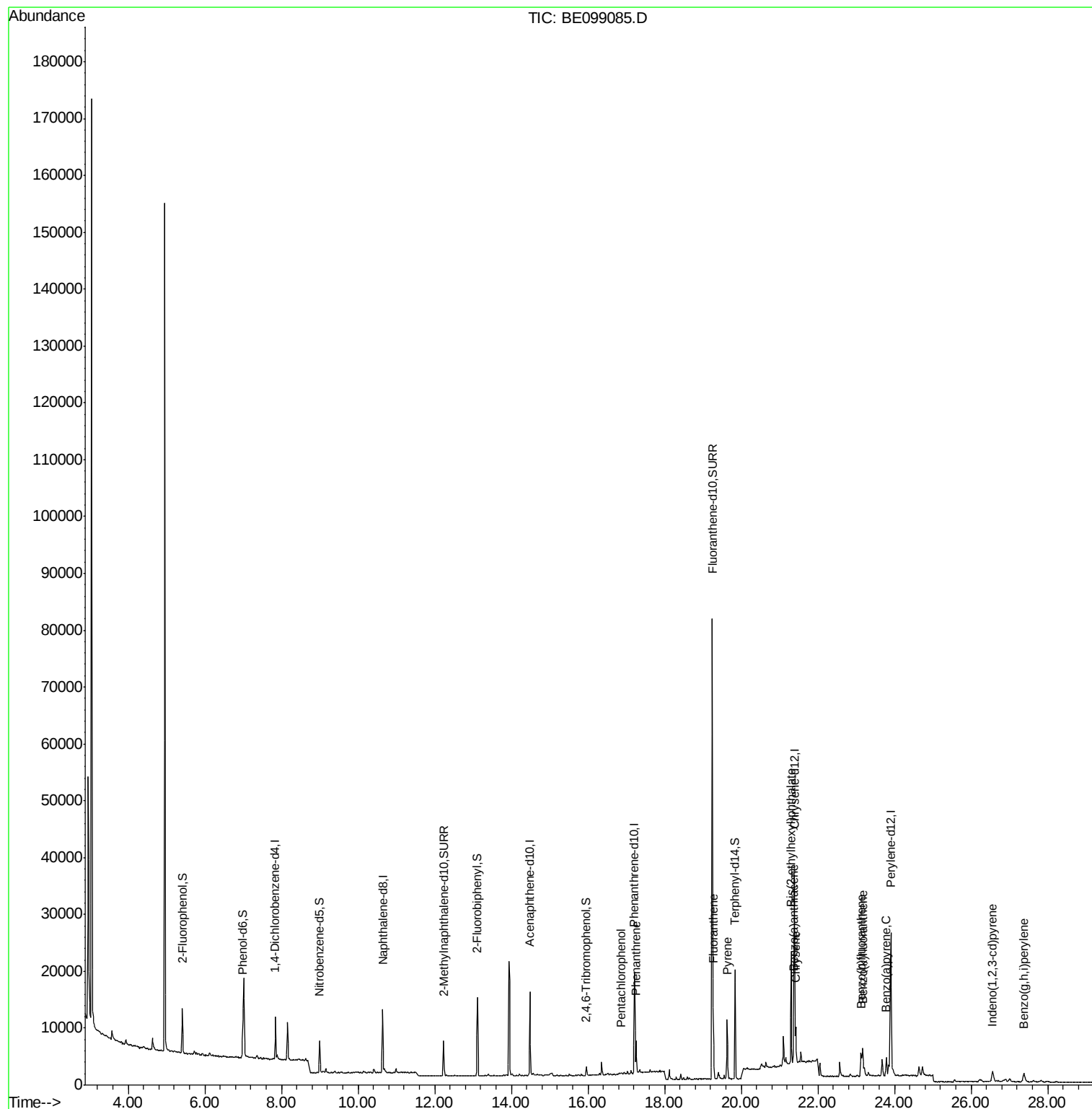
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
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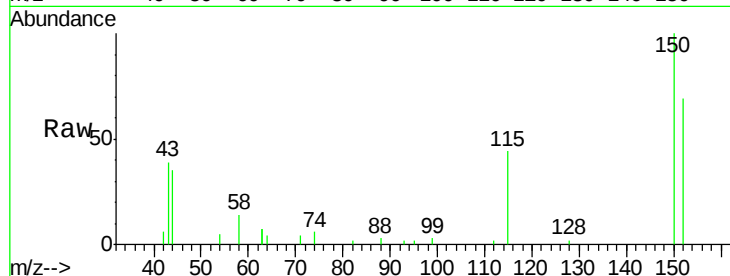




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

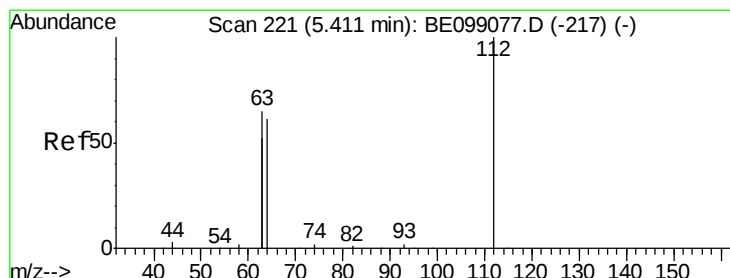
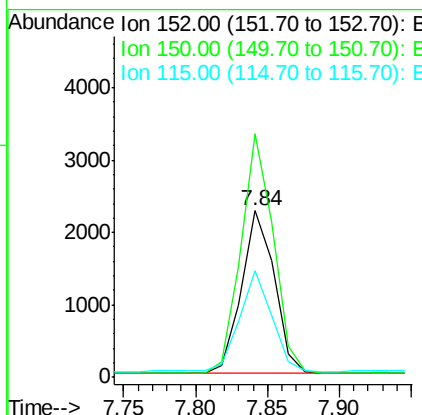
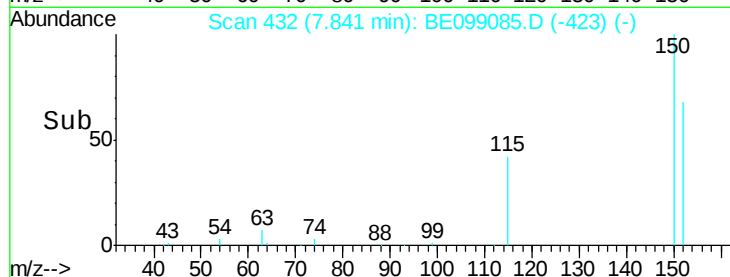
Instrument :
BNA_E
ClientSampleId :
PST-025-B126-031319



Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.0	122.5	183.7
115	64.0	57.4	86.2

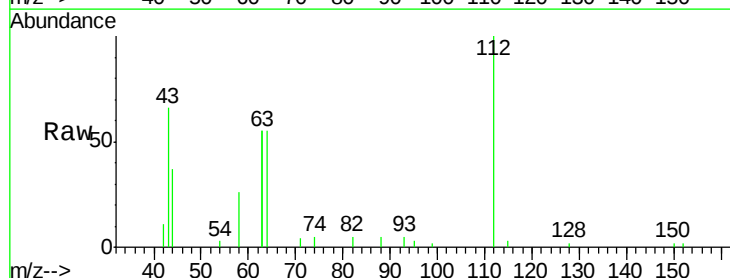
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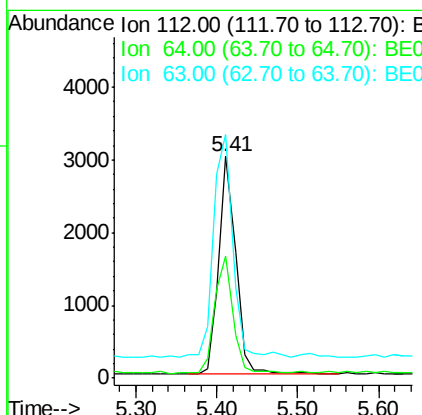
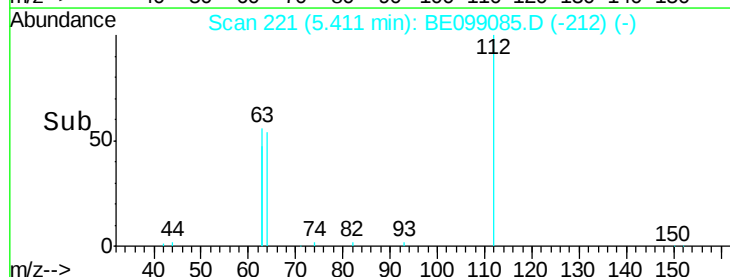


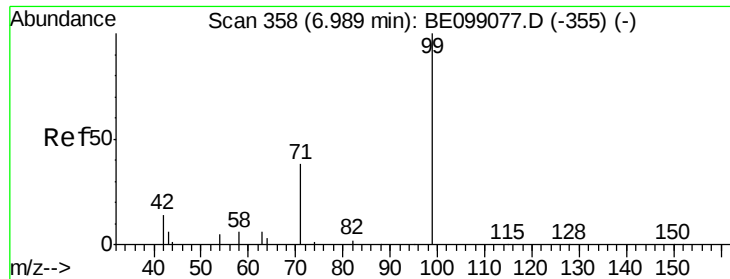
#4

2-Fluorophenol
Concen: 0.407 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18



Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	57.9	86.9#
63	116.9	158.3	237.5#





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Instrument :

BNA_E

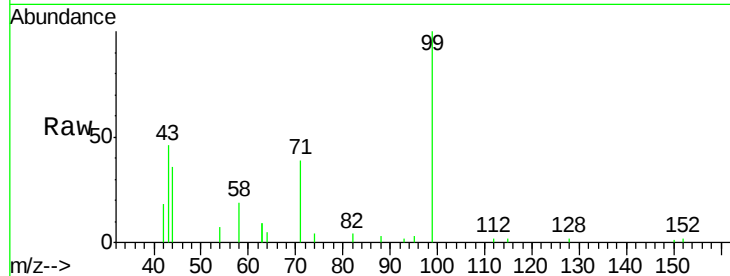
ClientSampleId :

PST-025-B126-031319

Tgt Ion:	99	Resp:	5977
Ion	Ratio	Lower	Upper
99	100		
42	20.2	24.2	36.2#
71	37.6	35.7	53.5

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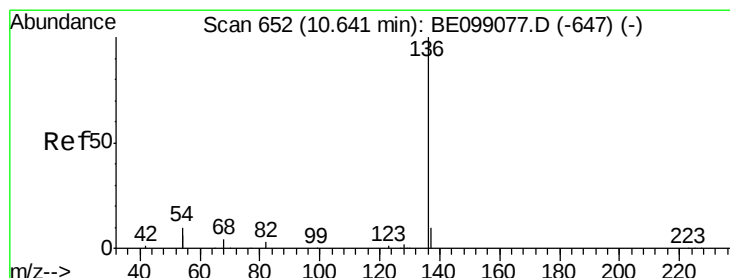
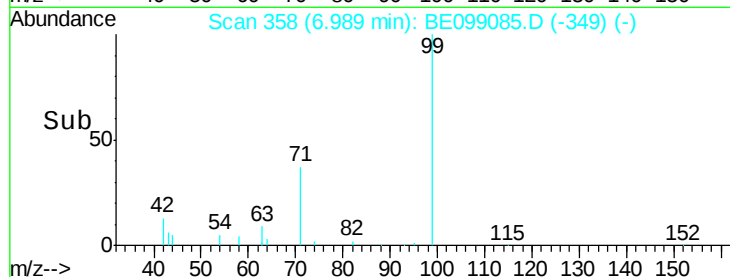


Abundance Ion 99.00 (98.70 to 99.70): BE099077.D (-355) (-)

Ion 42.00 (41.70 to 42.70): BE099077.D (-355) (-)

Ion 71.00 (70.70 to 71.70): BE099077.D (-355) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

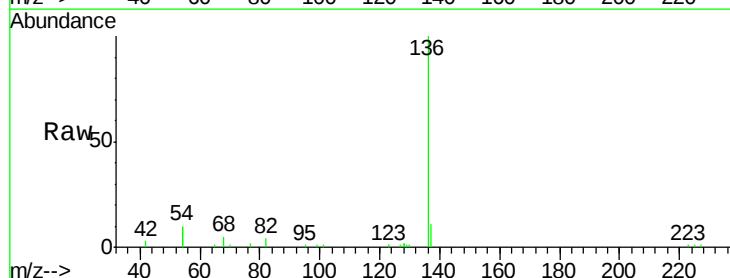
RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Tgt Ion:	136	Resp:	13396
Ion	Ratio	Lower	Upper
136	100		
137	11.0	11.4	17.0#
54	20.6	39.3	58.9#
68	5.2	6.7	10.1#



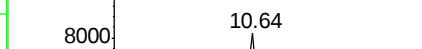
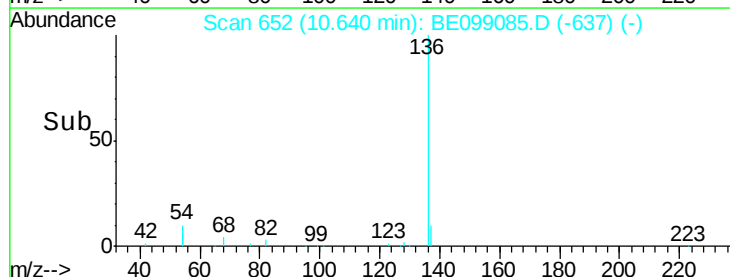
Abundance Ion 136.00 (135.70 to 136.70): BE099077.D (-647) (-)

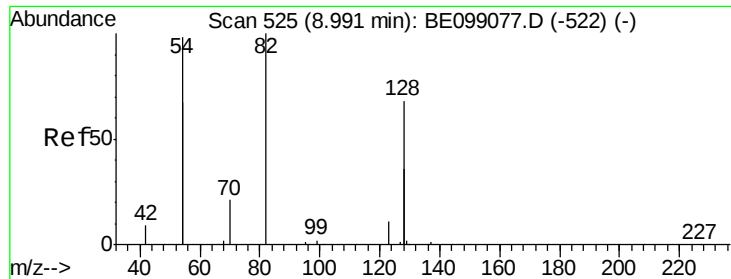
Ion 137.00 (136.70 to 137.70): BE099077.D (-647) (-)

Ion 54.00 (53.70 to 54.70): BE099077.D (-647) (-)

Ion 68.00 (67.70 to 68.70): BE099077.D (-647) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.472 ng m

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Instrument :

BNA_E

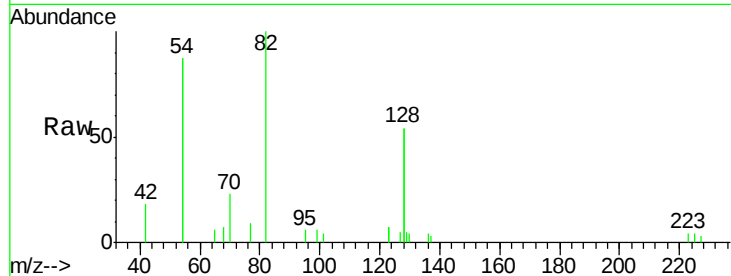
ClientSampleId :

PST-025-B126-031319

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.7	123.8	185.8#
54	86.7	203.4	305.2#

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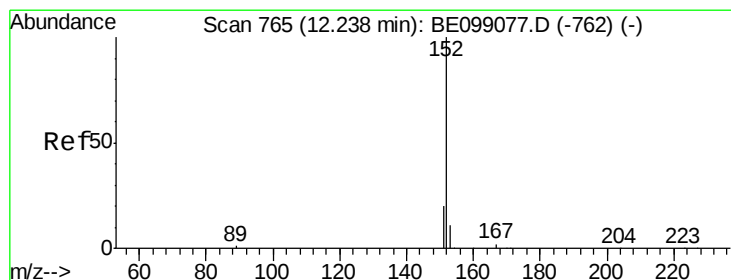
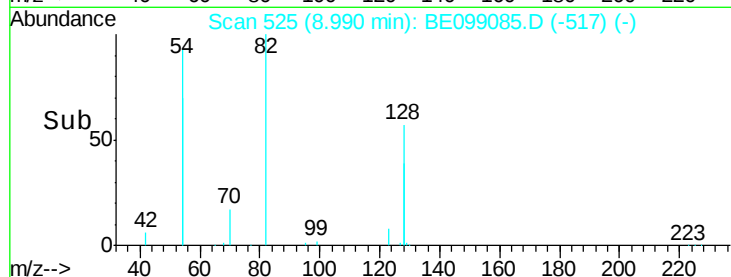
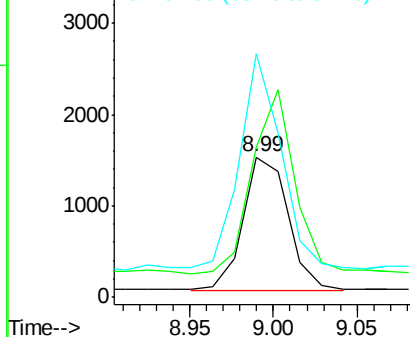
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Abundance Ion 82.00 (81.70 to 82.70): BE099077.D (-522) (-)

Ion 128.00 (127.70 to 128.70): BE099077.D (-522) (-)

Ion 54.00 (53.70 to 54.70): BE099077.D (-522) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

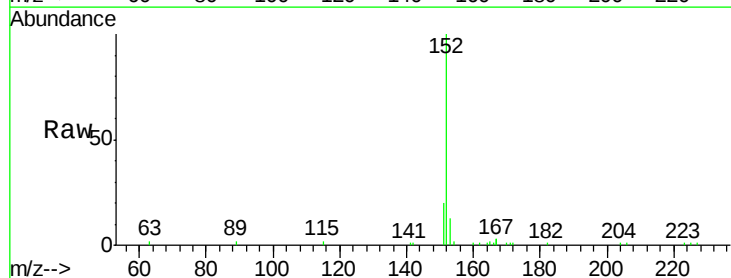
RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE099085.D

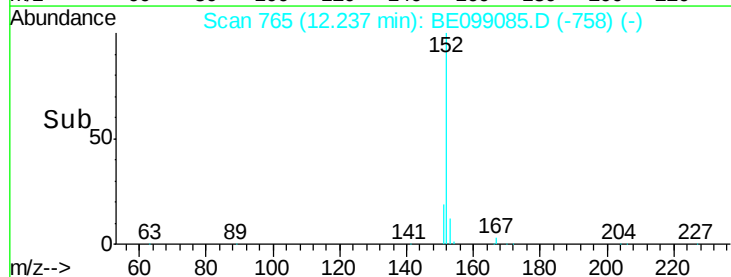
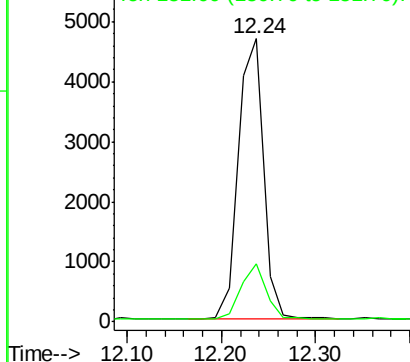
Acq: 22 Mar 2019 18:18

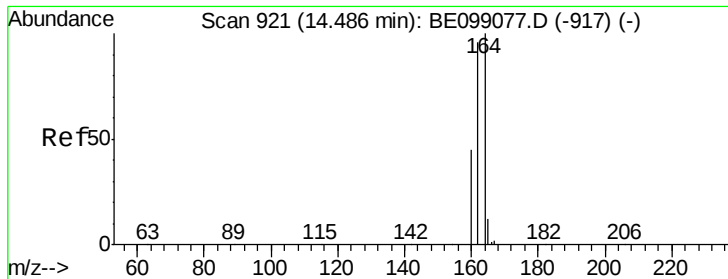
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): BE099077.D (-762) (-)

Ion 151.00 (150.70 to 151.70): BE099077.D (-762) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.48 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Instrument :

BNA_E

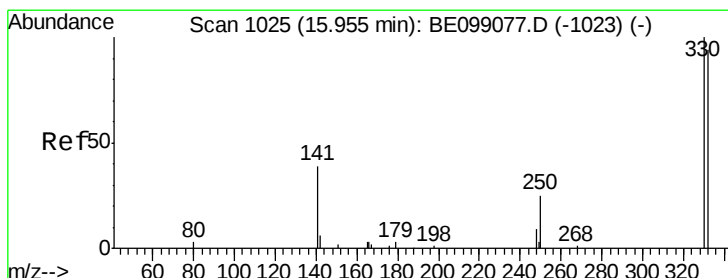
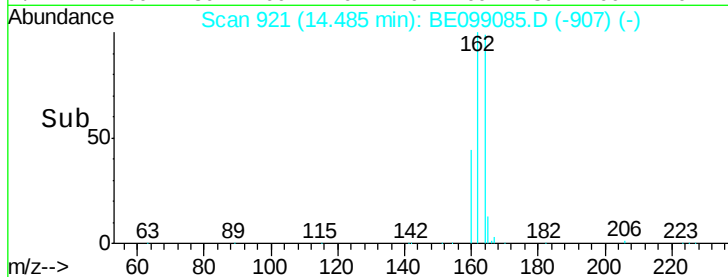
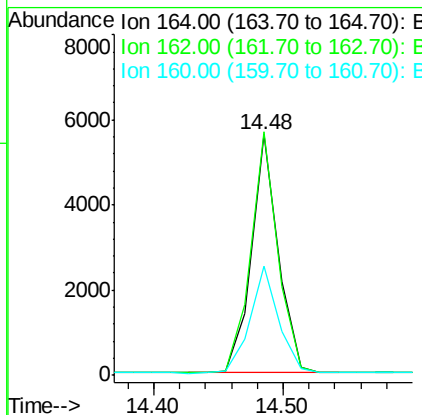
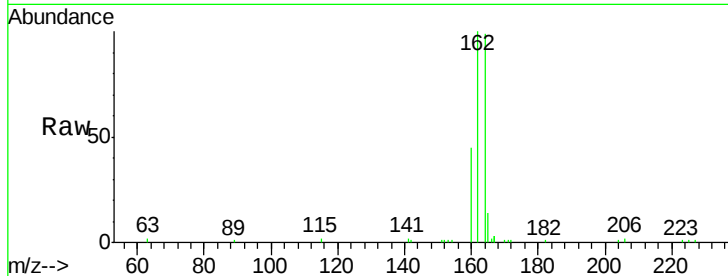
ClientSampleId :

PST-025-B126-031319

Tgt Ion:	164	Resp:	8076
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.2	120.2
160	45.2	37.8	56.8

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#14

2,4,6-Tribromophenol

Concen: 0.406 ng

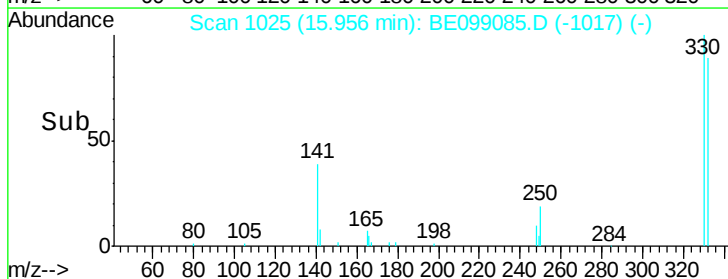
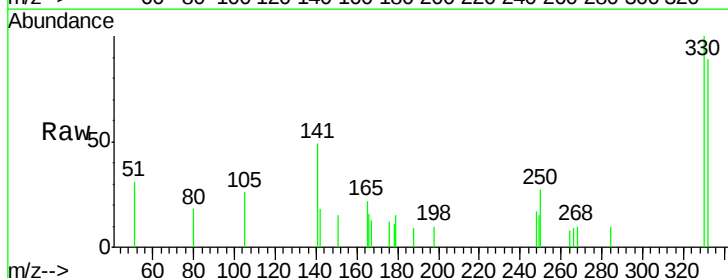
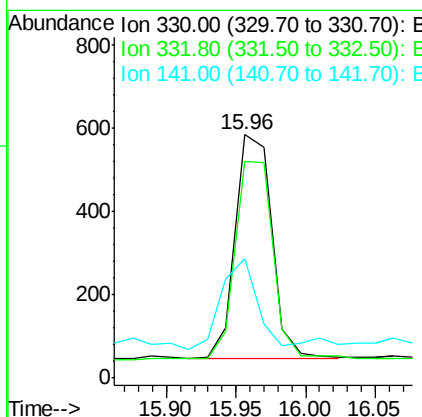
RT: 15.96 min Scan# 1025

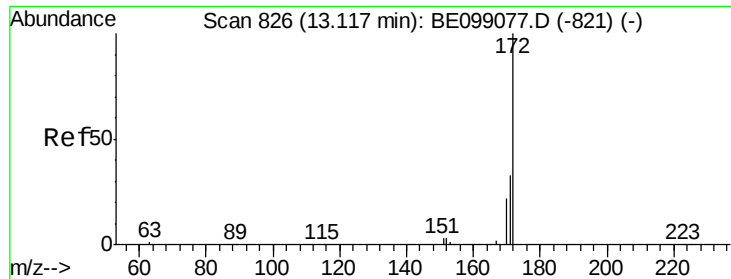
Delta R.T. 0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Tgt Ion:	330	Resp:	964
Ion Ratio	Lower	Upper	
330	100		
332	93.5	77.6	116.4
141	41.3	31.0	46.4





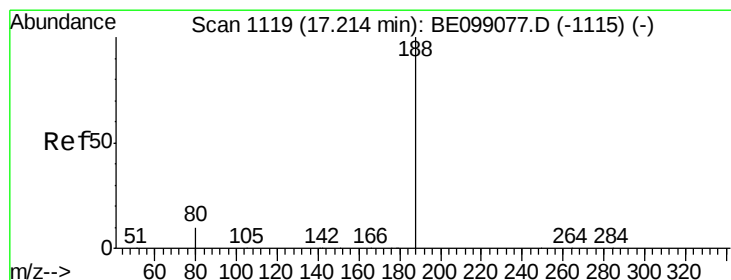
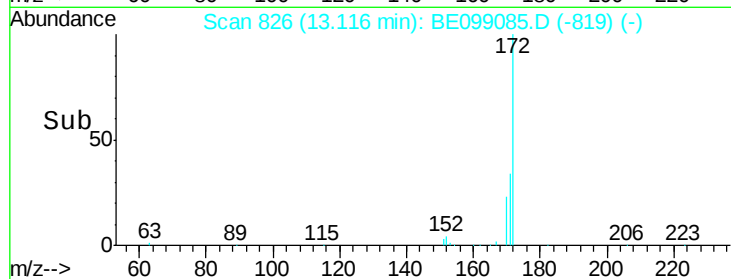
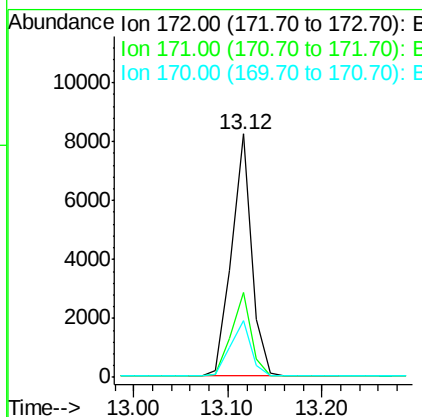
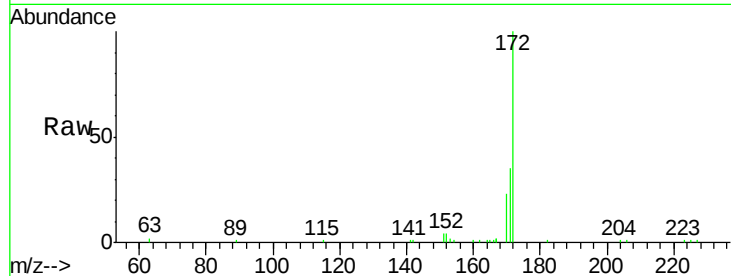
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Instrument :
BNA_E
ClientSampleId :
PST-025-B126-031319

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.4	17.7	26.5

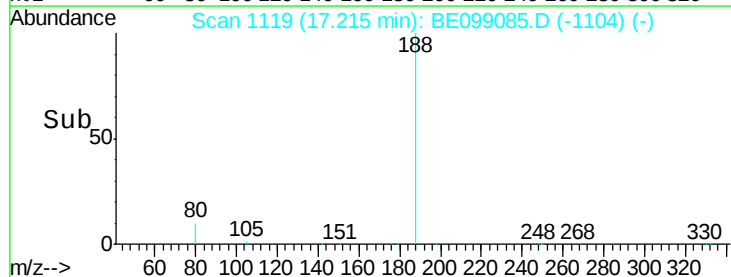
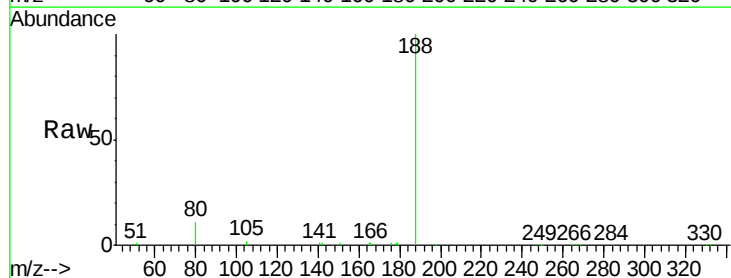
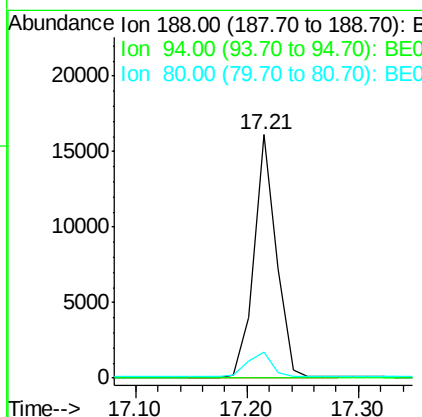
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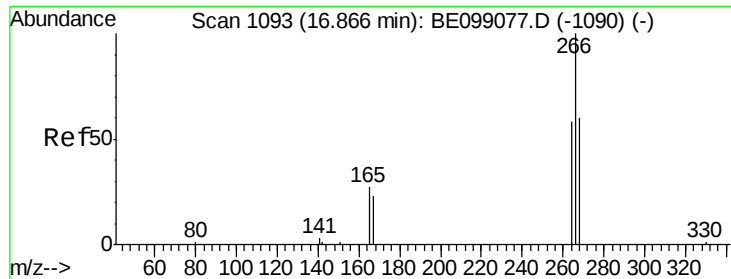
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	6.3	9.5#





#22

Pentachlorophenol

Concen: 0.288 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Instrument :

BNA_E

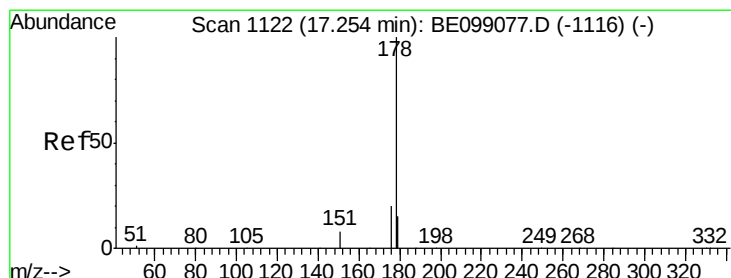
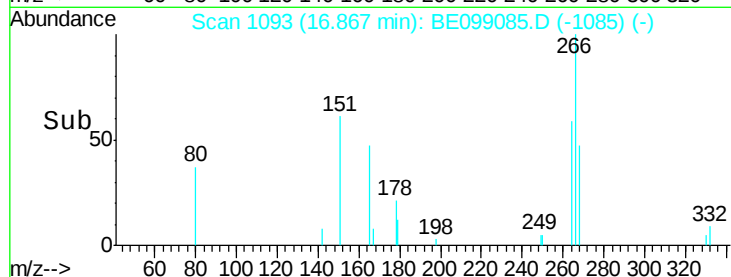
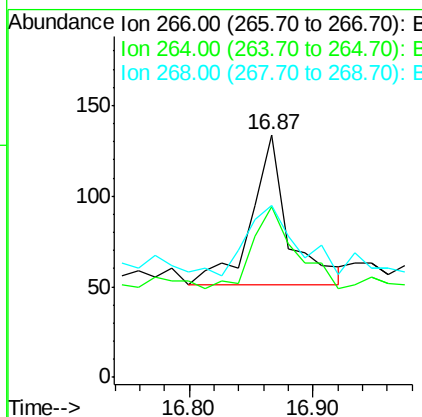
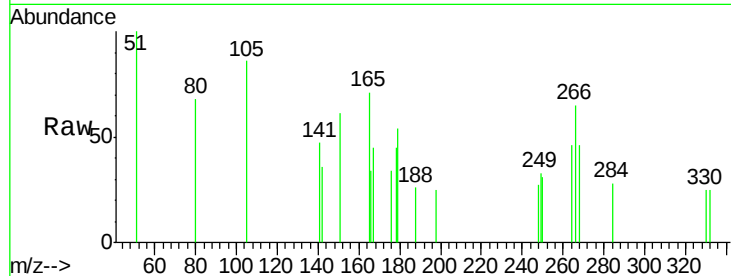
ClientSampleId :

PST-025-B126-031319

Tgt Ion:	266	Resp:	173
Ion Ratio	Lower	Upper	
266	100		
264	70.1	66.6	100.0
268	70.9	69.8	104.8

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#23

Phenanthrene

Concen: 0.087 ng

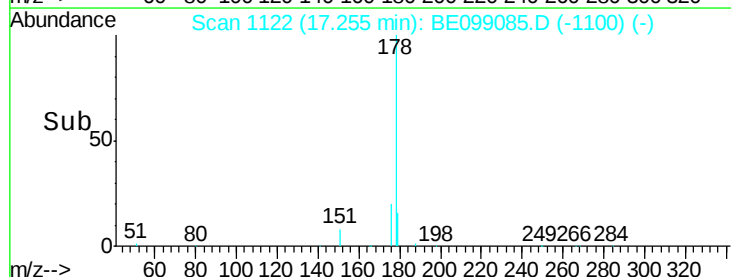
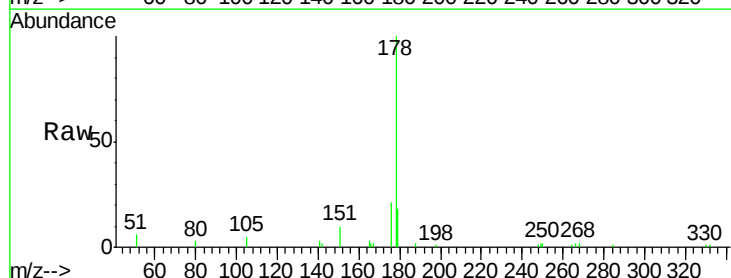
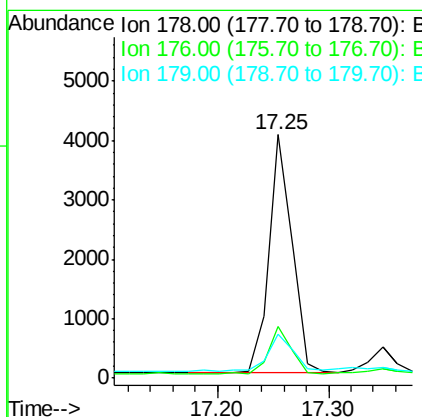
RT: 17.25 min Scan# 1122

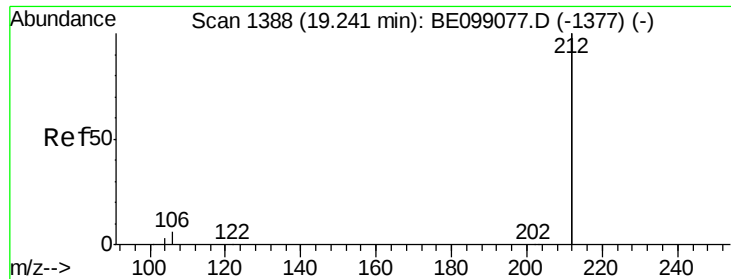
Delta R.T. 0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Tgt Ion:	178	Resp:	5809
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.0	24.0
179	17.5	12.1	18.1





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Instrument :

BNA_E

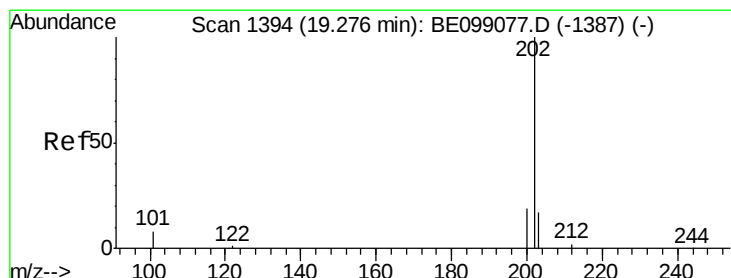
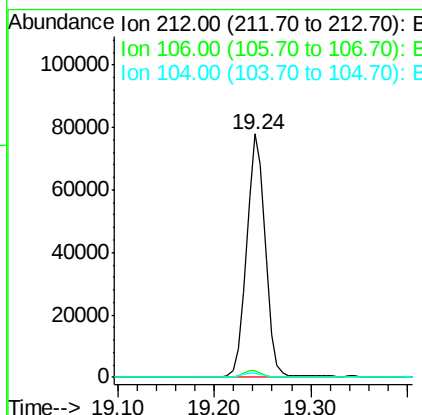
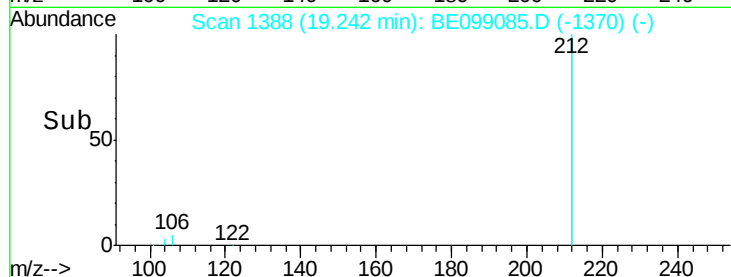
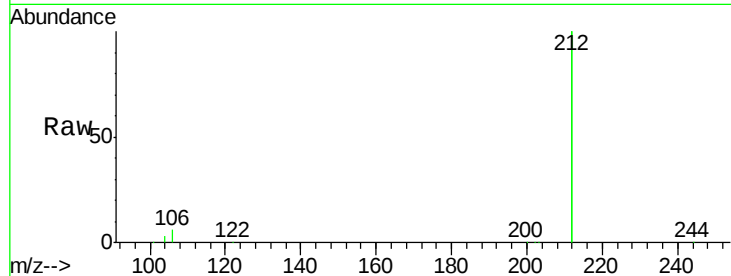
ClientSampleId :

PST-025-B126-031319

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	102709		
106	2.8	1.8	2.8	
104	1.6	1.0	1.6	

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#26

Fluoranthene

Concen: 0.107 ng

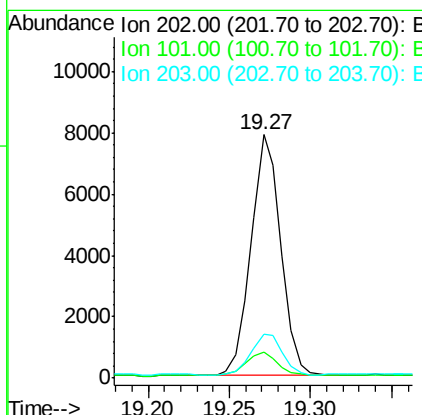
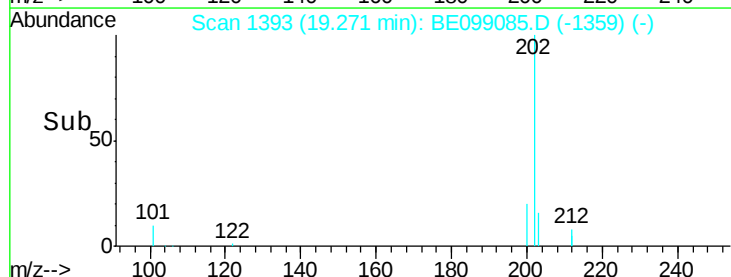
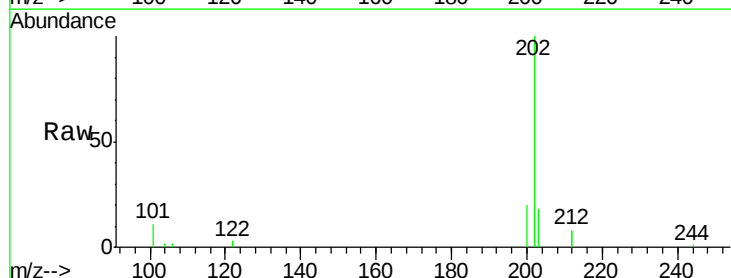
RT: 19.27 min Scan# 1393

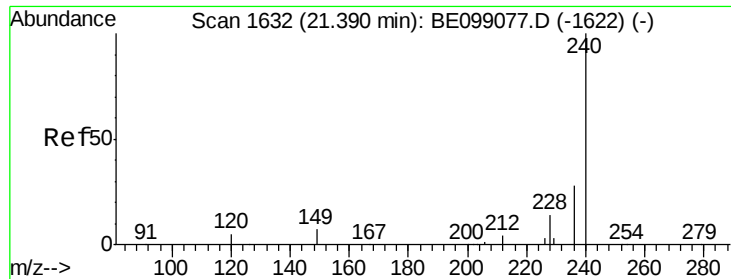
Delta R.T. -0.00 min

Lab File: BE099085.D

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	9989		
101	11.1	7.3	10.9	
203	17.5	13.4	20.2	





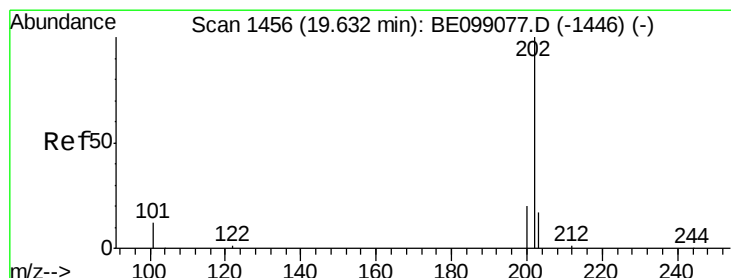
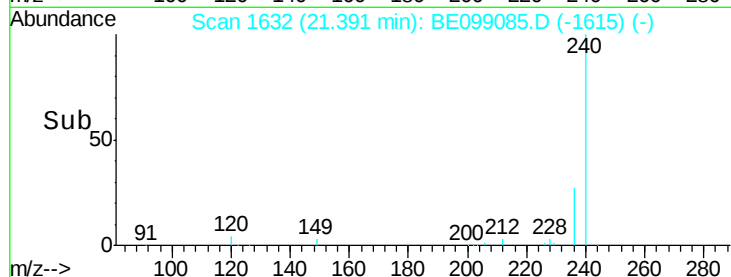
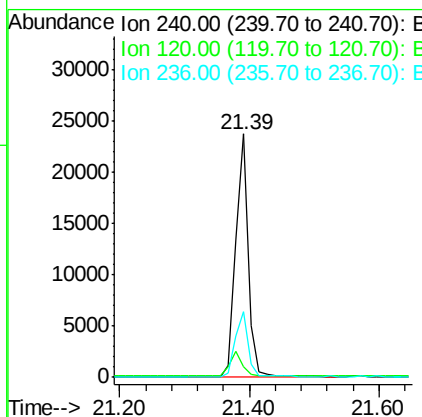
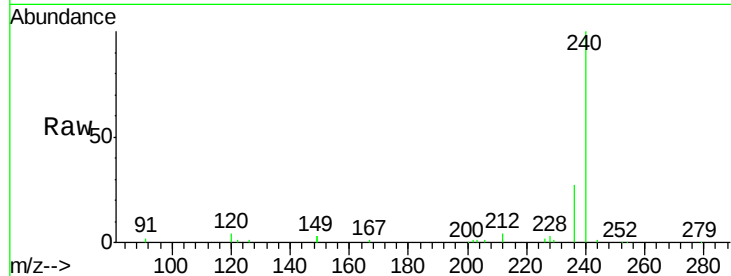
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Instrument :
BNA_E
ClientSampleId :
PST-025-B126-031319

Tgt Ion:240 Resp: 32102
Ion Ratio Lower Upper
240 100
120 4.5 5.0 7.4#
236 27.0 22.7 34.1

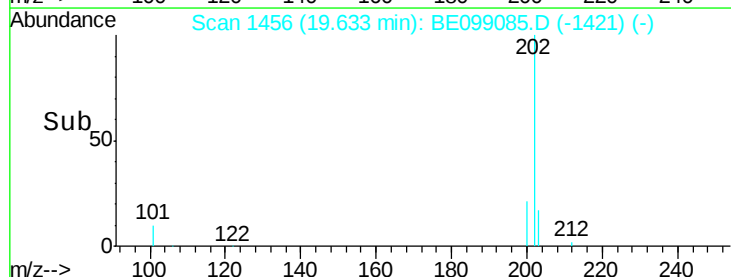
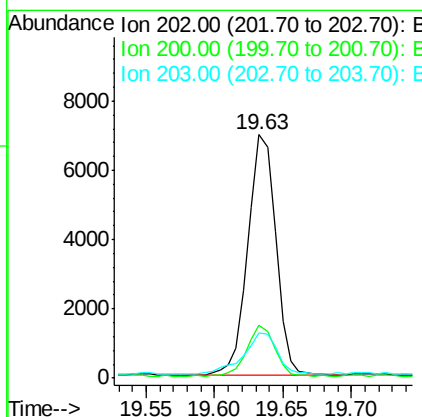
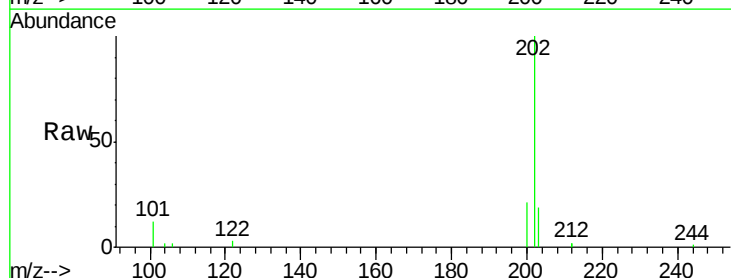
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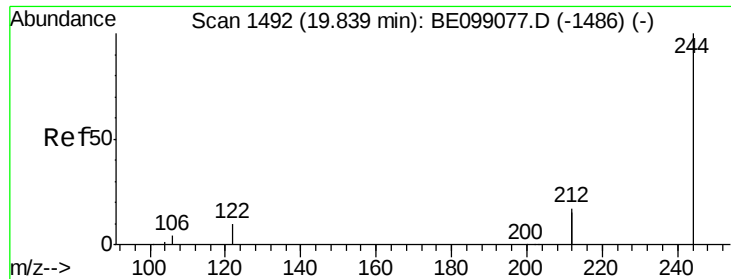
Sohil
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#28
Pyrene
Concen: 0.091 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Tgt Ion:202 Resp: 9883
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 21.0 14.2 21.2





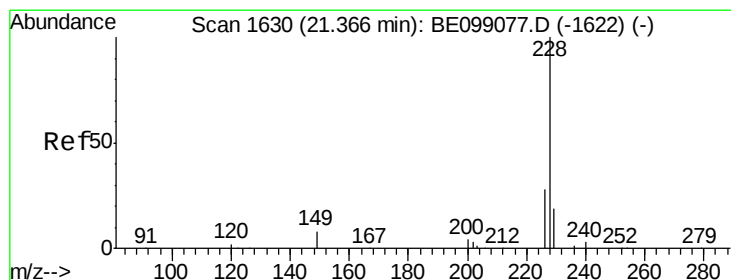
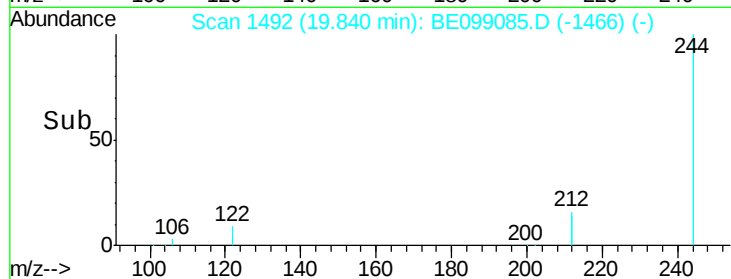
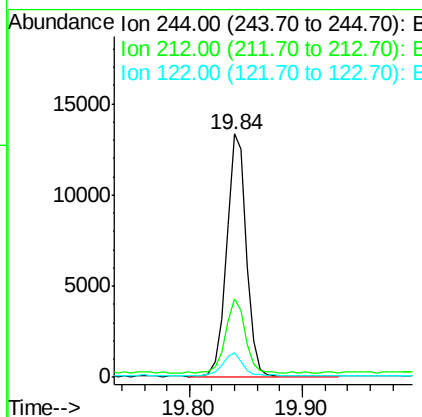
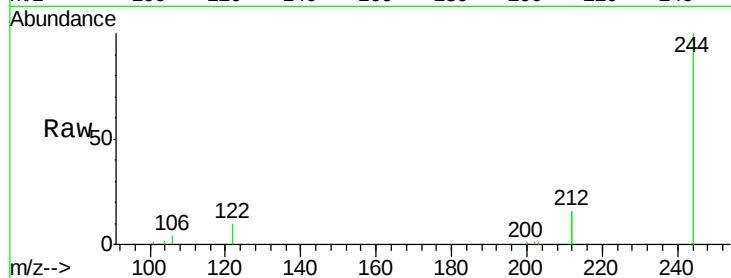
#29
 Terphenyl-d14
 Concen: 0.237 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BE099085.D
 Acq: 22 Mar 2019 18:18

Instrument :
 BNA_E
 ClientSampleId :
 PST-025-B126-031319

Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.4	29.4	44.2
122	10.0	7.1	10.7

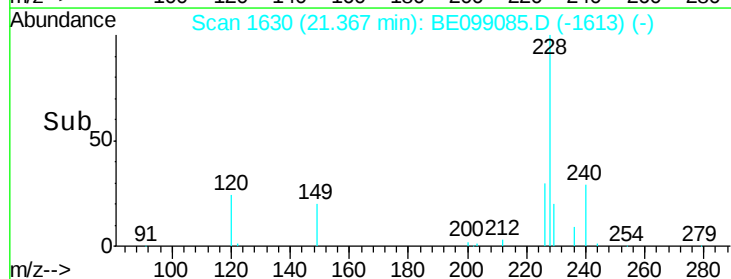
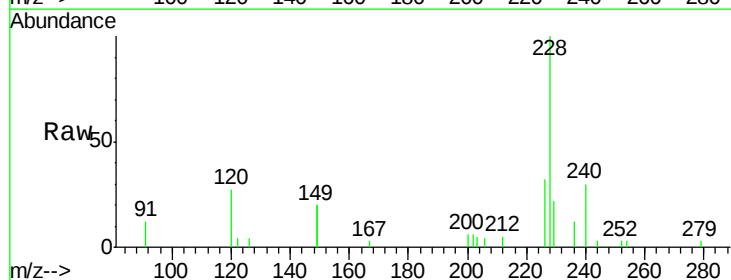
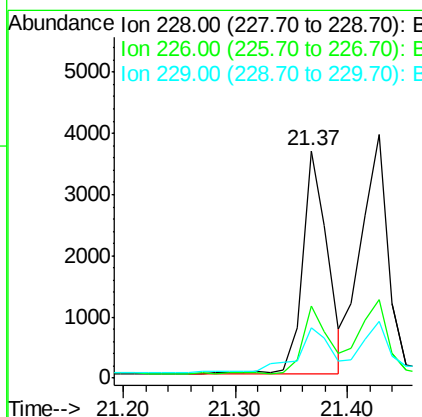
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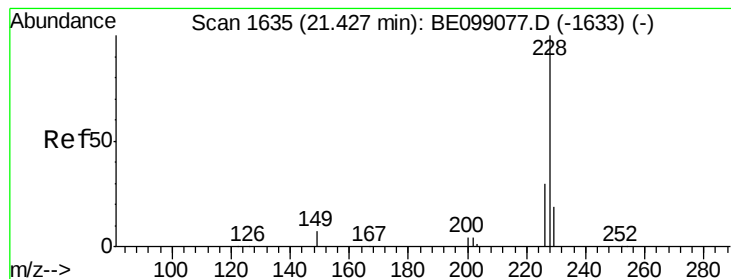
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#30
 Benzo(a)anthracene
 Concen: 0.050 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099085.D
 Acq: 22 Mar 2019 18:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.0	34.4
229	22.4	16.5	24.7





#31

Chrysene

Concen: 0.058 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Instrument :

BNA_E

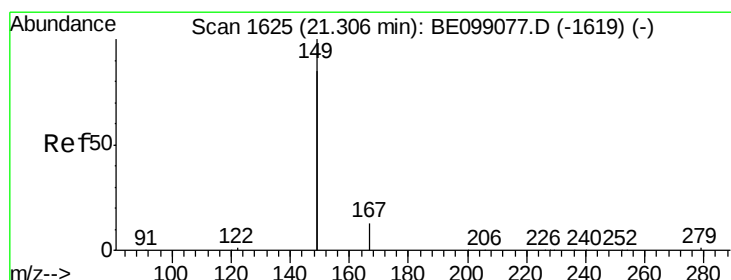
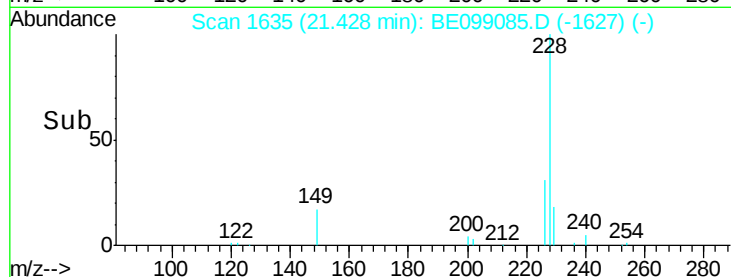
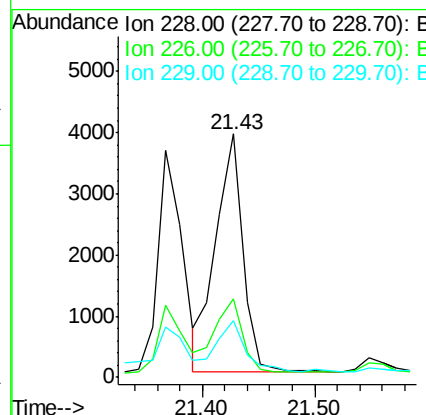
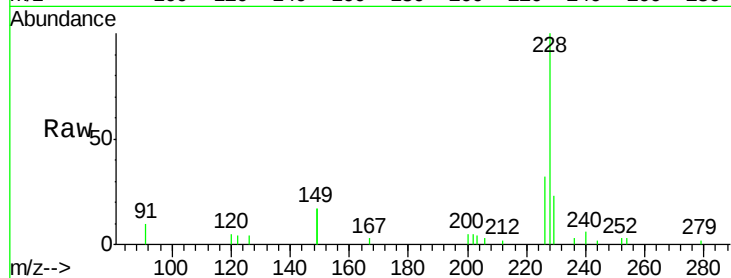
ClientSampleId :

PST-025-B126-031319

Tgt Ion:	228	Resp:	6567
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.7	35.5
229	23.4	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.144 ng

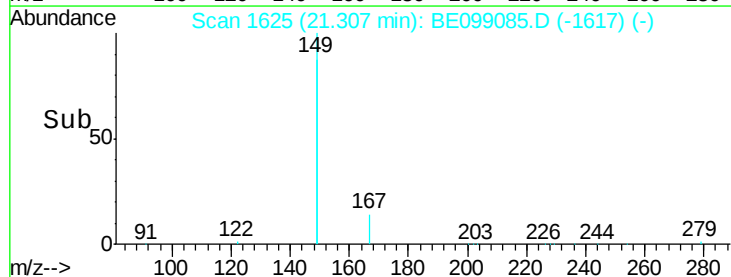
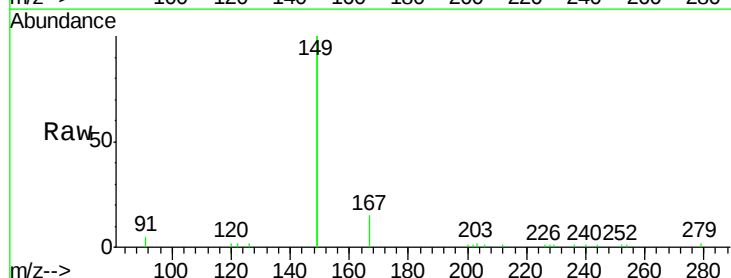
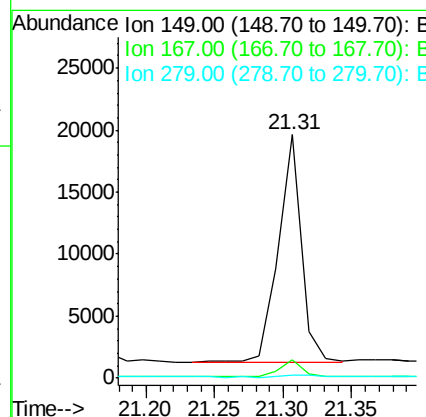
RT: 21.31 min Scan# 1625

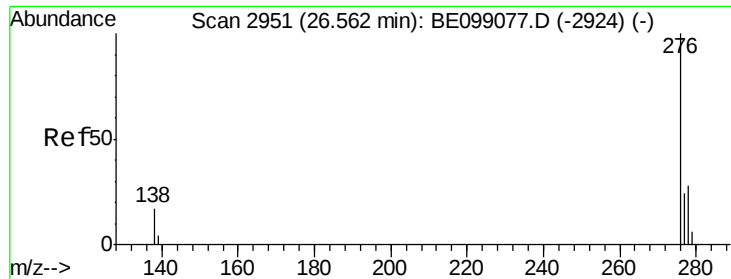
Delta R.T. 0.00 min

Lab File: BE099085.D

Acq: 22 Mar 2019 18:18

Tgt Ion:	149	Resp:	21139
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.4	8.0
279	1.3	1.0	1.4





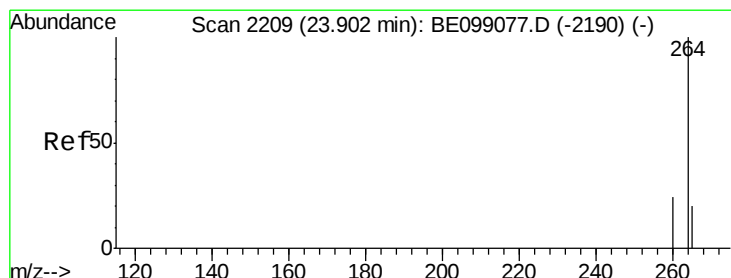
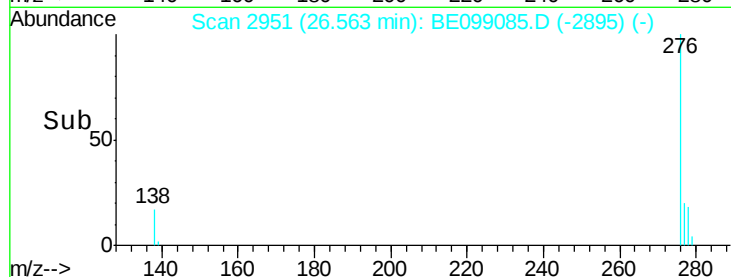
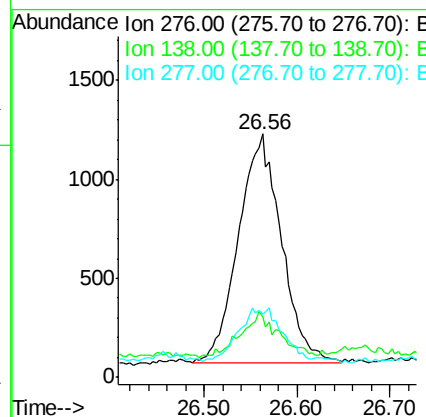
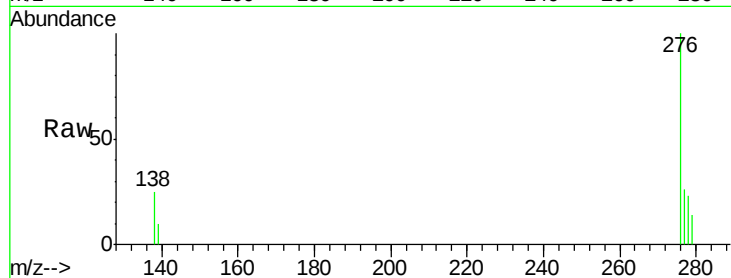
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng
RT: 26.56 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Instrument :
BNA_E
ClientSampleId :
PST-025-B126-031319

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.8	20.8
277	13.3	19.5	29.3

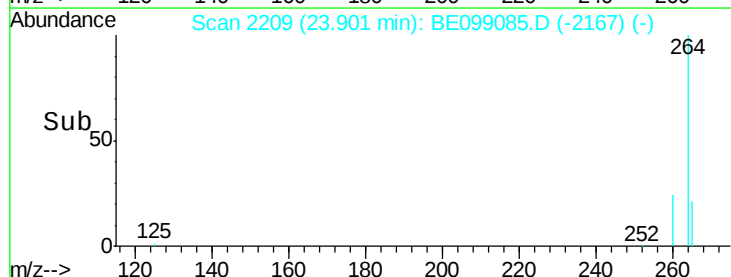
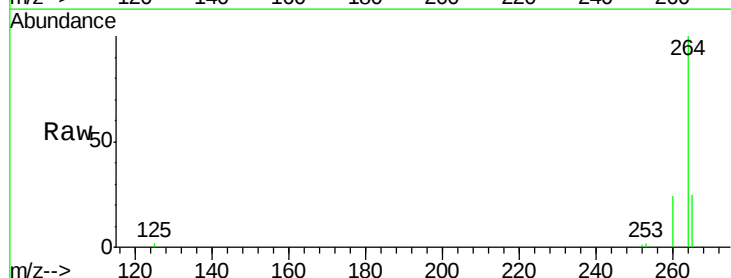
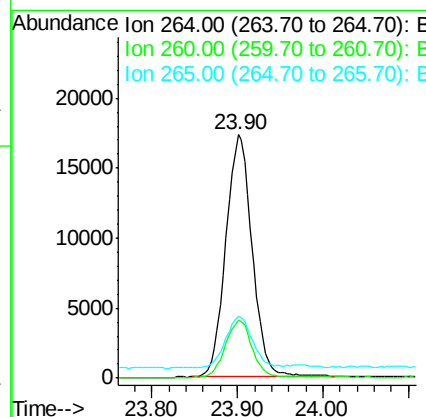
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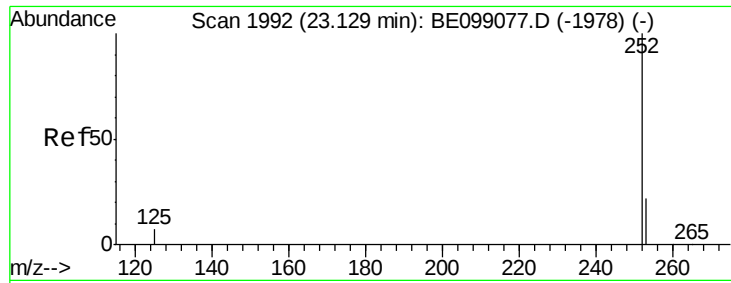
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.2	31.8
265	25.4	24.6	36.8





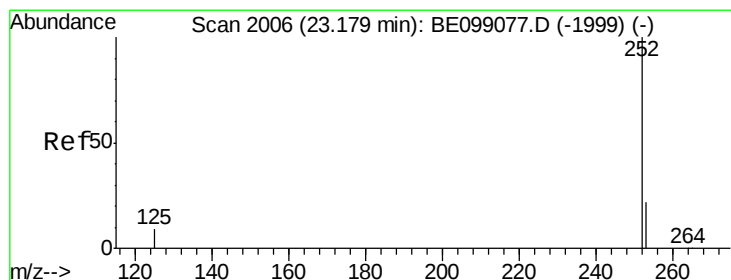
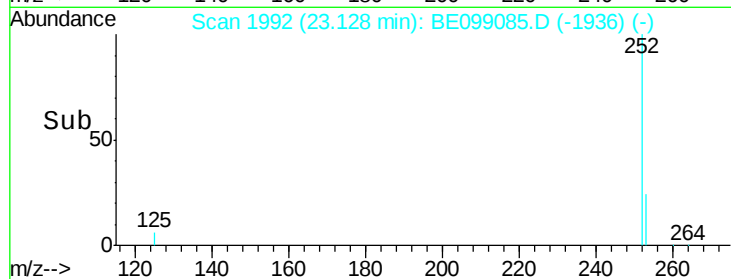
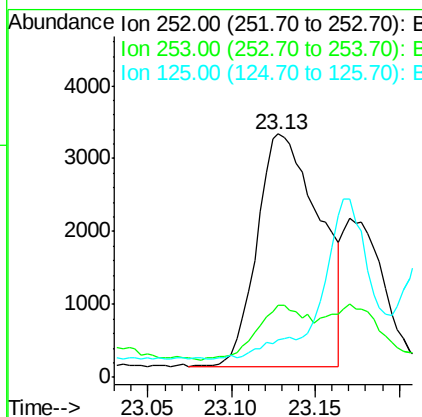
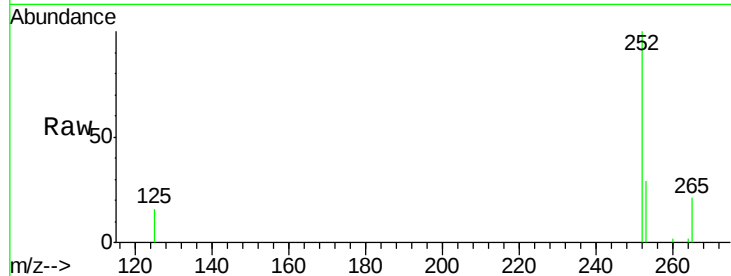
#35
Benzo(b)fluoranthene
Concen: 0.064 ng
RT: 23.13 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Instrument :
BNA_E
ClientSampleId :
PST-025-B126-031319

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	18.2	27.2#
125	15.7	7.3	10.9#

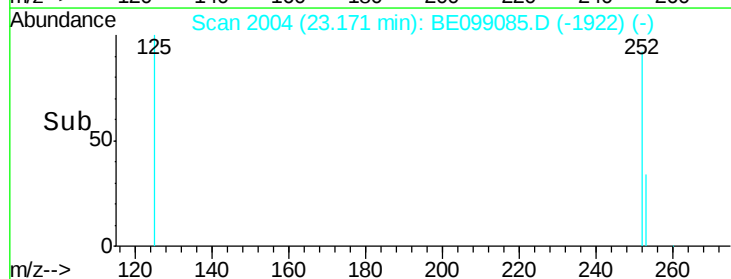
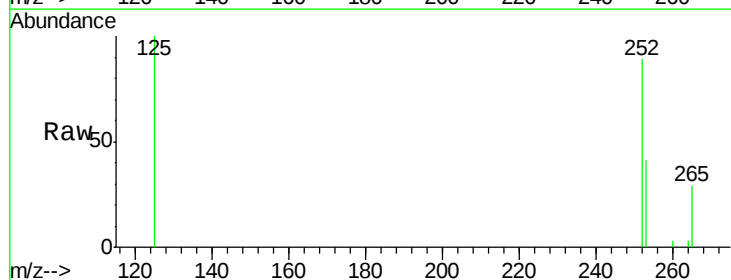
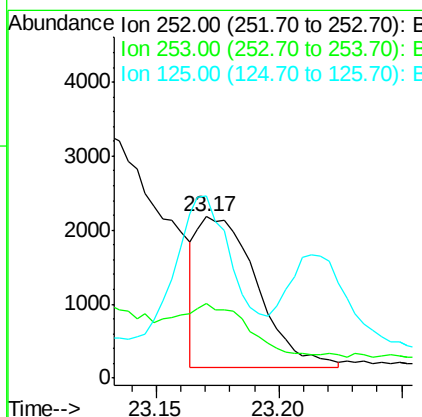
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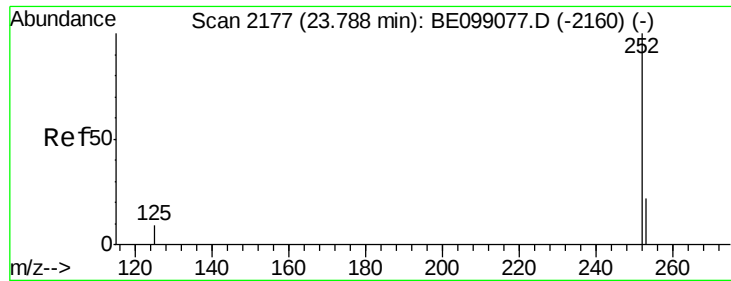
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#36
Benzo(k)fluoranthene
Concen: 0.028 ng m
RT: 23.17 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.1	19.3	28.9#
125	112.7	7.5	11.3#





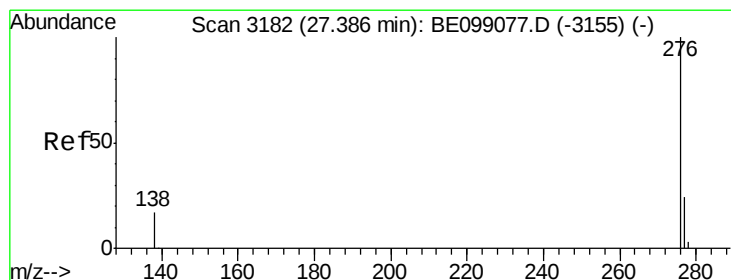
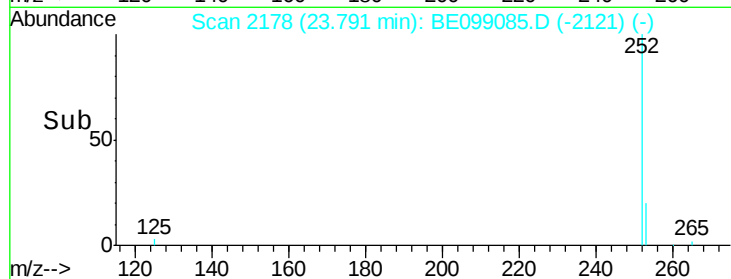
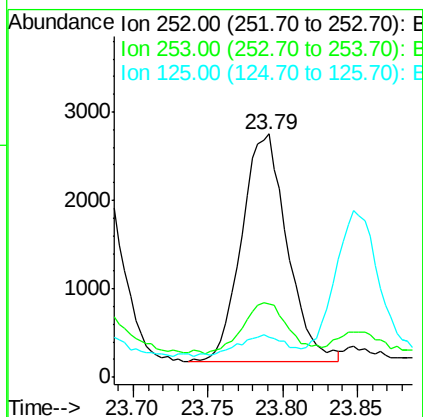
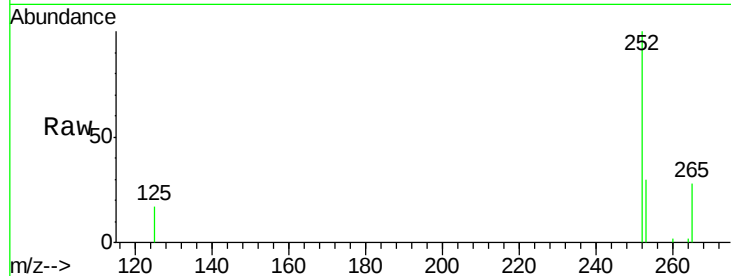
#37
Benzo(a)pyrene
Concen: 0.045 ng
RT: 23.79 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Instrument :
BNA_E
ClientSampleId :
PST-025-B126-031319

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.9	29.9#
125	16.6	9.0	13.4#

Manual Integrations
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#39
Benzo(g,h,i)perylene
Concen: 0.032 ng
RT: 27.38 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE099085.D
Acq: 22 Mar 2019 18:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.4	20.4	30.6
138	25.5	13.6	20.4#

