

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
 Data File : BE099129.D
 Acq On : 24 Mar 2019 2:30
 Operator : JU/SJ
 Sample : K1948-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-026-B020-031319

Manual Integrations
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 3/25/2019 12:37:27 PM

Quant Time: Mar 24 03:55:16 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 04:40:11 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4038	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15716	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	10665	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	32131	0.40	ng	0.00
27) Chrysene-d12	21.38	240	42690	0.40	ng	-0.01
34) Perylene-d12	23.89	264	45910	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	4913	0.41	ng	0.00
5) Phenol-d6	6.99	99	7138	0.41	ng	0.00
8) Nitrobenzene-d5	8.99	82	5225	0.76	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11210	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	2405	0.77	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	15827	0.37	ng	-0.01
25) Fluoranthene-d10	19.24	212	171164	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	29216	0.32	ng	0.00

Target Compounds

						Qvalue
16) Acenaphthylene	14.20	152	2161	0.038	ng	# 94
23) Phenanthrene	17.25	178	18490	0.194	ng	98
24) Anthracene	17.35	178	2086	0.023	ng	# 94
26) Fluoranthene	19.27	202	51246	0.382	ng	98
28) Pyrene	19.63	202	52661	0.364	ng	95
30) Benzo(a)anthracene	21.37	228	27722	0.184	ng	96
31) Chrysene	21.41	228	31155	0.207	ng	94
32) Bis(2-ethylhexyl)phthalate	21.29	149	46742	0.239	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	18709	0.116	ng	98
35) Benzo(b)fluoranthene	23.12	252	39509	0.249	ng	# 93
36) Benzo(k)fluoranthene	23.17	252	13870m	0.089	ng	
37) Benzo(a)pyrene	23.78	252	26047	0.177	ng	97
38) Dibenzo(a,h)anthracene	26.57	278	4659	0.033	ng	# 62
39) Benzo(g,h,i)perylene	27.37	276	19321	0.132	ng	98

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

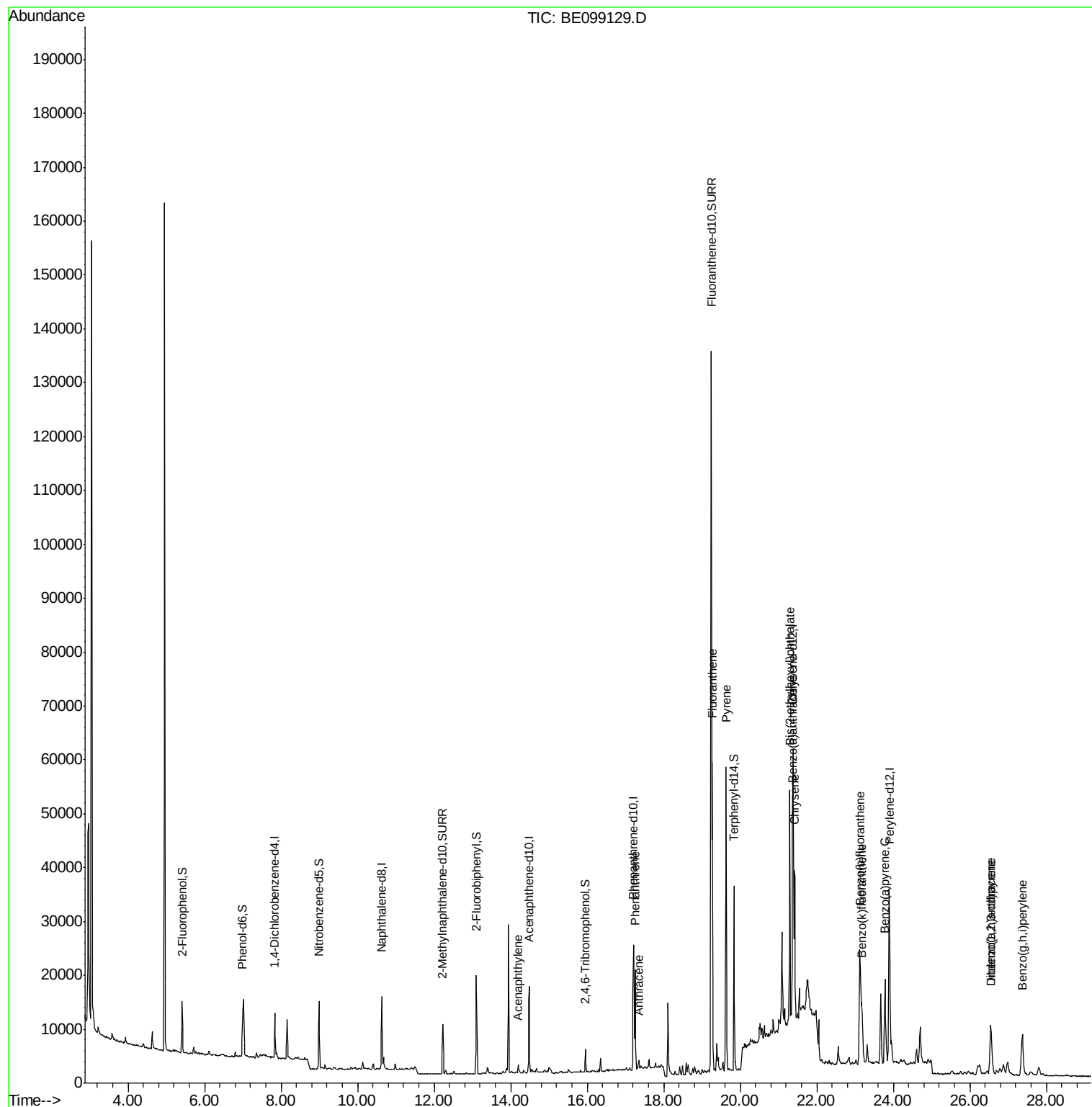
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
Data File : BE099129.D
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Operator : JU/SJ
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ALS Vial : 26 Sample Multiplier: 1

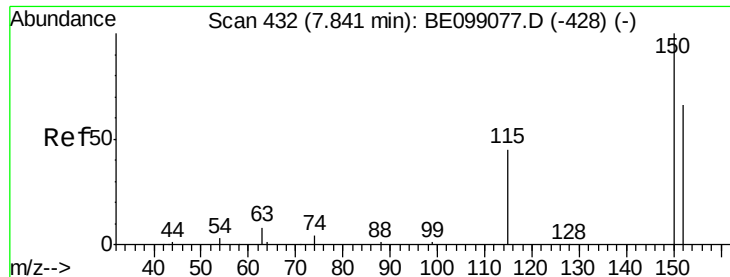
Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Quant Time: Mar 24 03:55:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

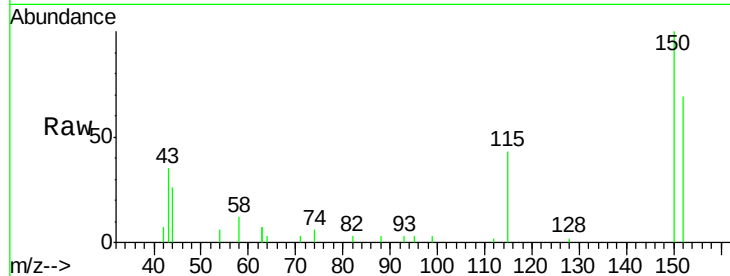
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	122.5	183.7
115	62.4	57.4	86.2

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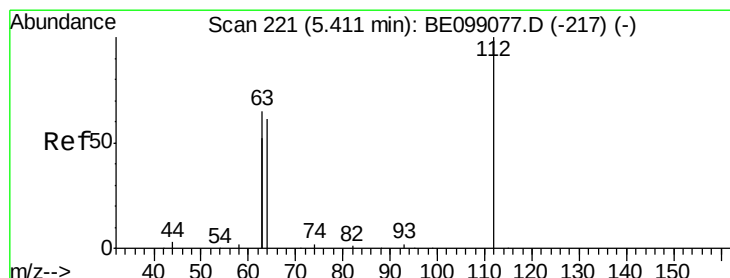
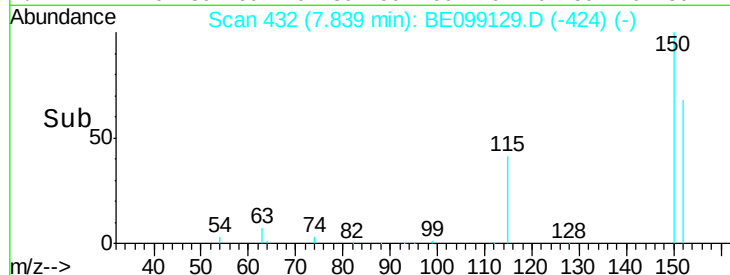
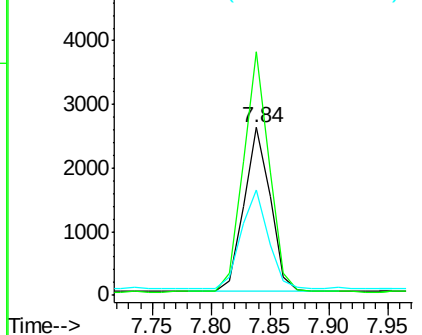


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

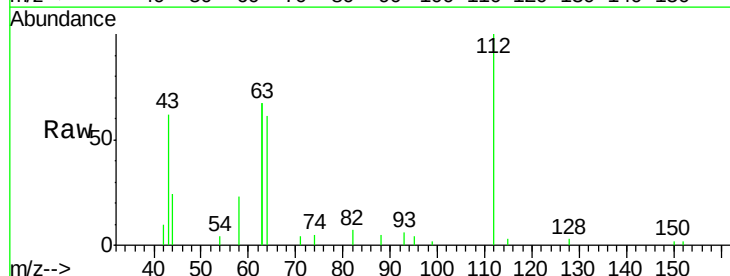
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.409 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	57.9	86.9
63	123.8	158.3	237.5#

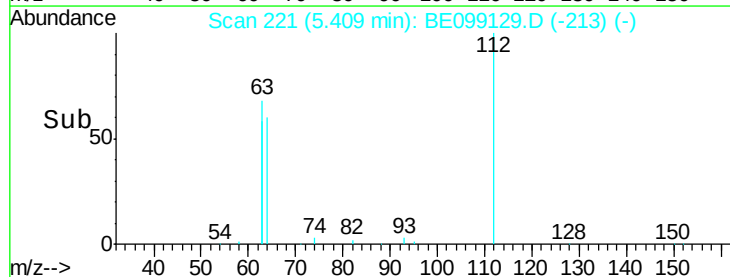
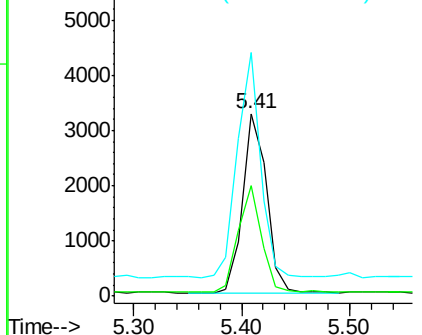


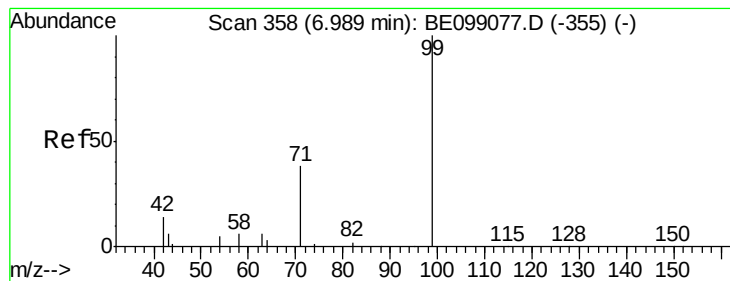
Abundance

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: 0.412 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099129.D

Acq: 24 Mar 2019 2:30

Instrument :

BNA_E

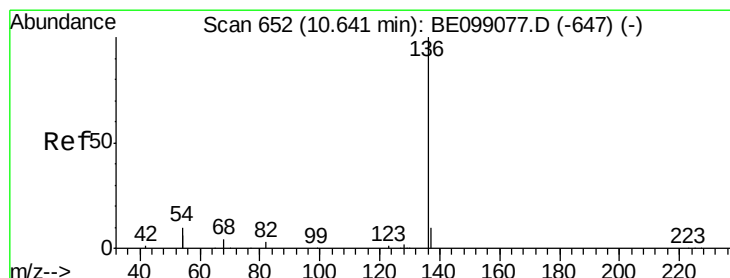
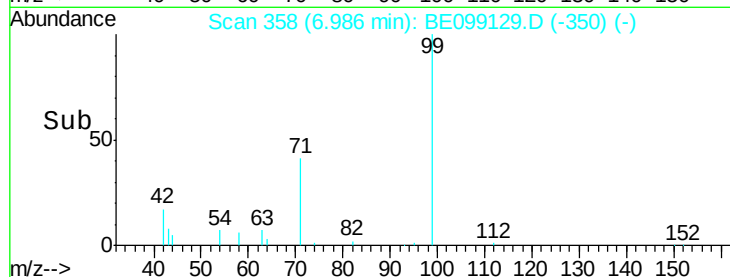
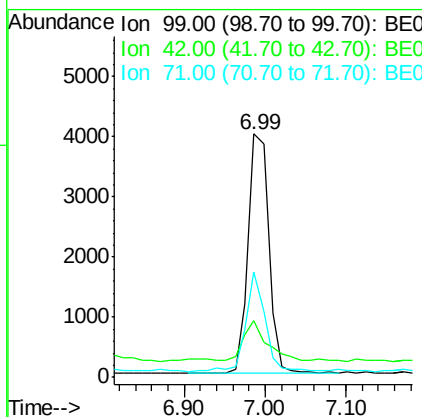
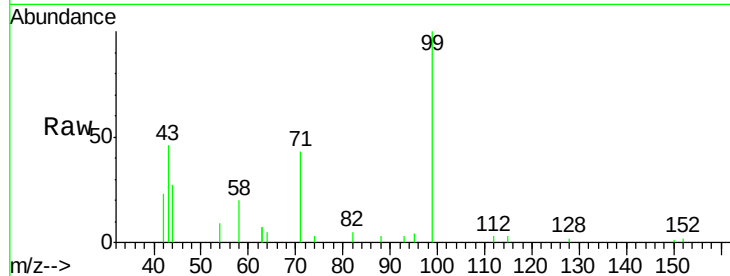
ClientSampleId :

PST-026-B020-031319

Tot Ion:	99	Resp:	7138
Ion	Ratio	Lower	Upper
99	100		
42	18.6	24.2	36.2#
71	37.2	35.7	53.5

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#7

Naphthalene-d8

Concen: 0.400 ng

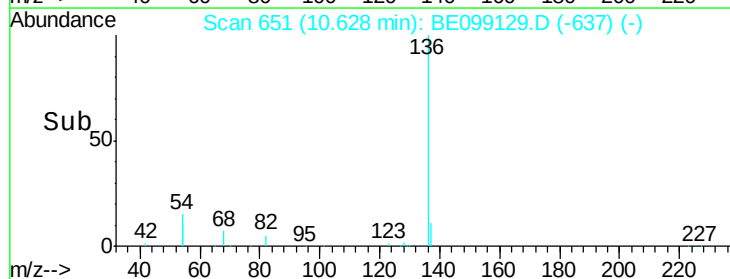
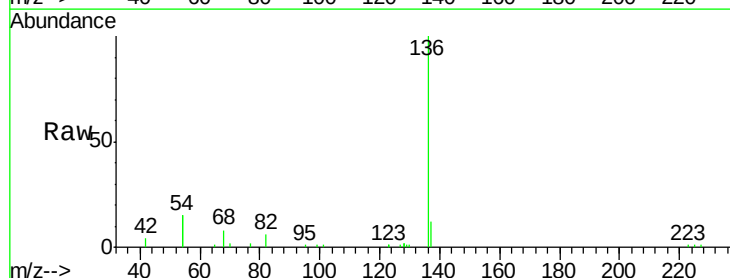
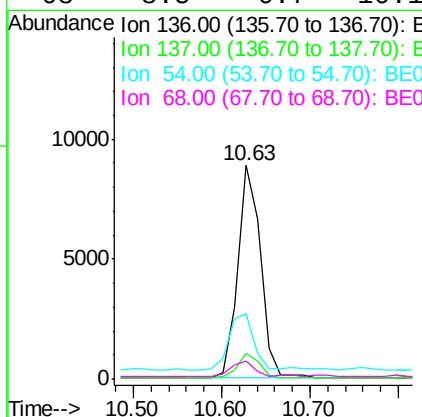
RT: 10.63 min Scan# 651

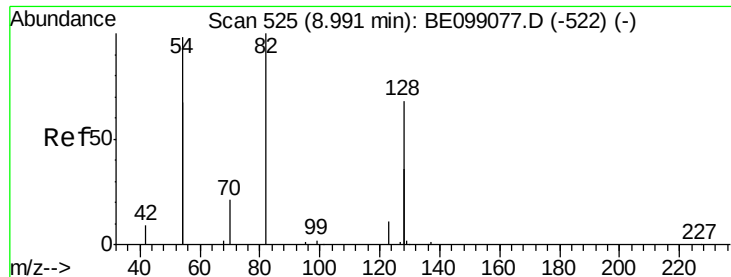
Delta R.T. -0.01 min

Lab File: BE099129.D

Acq: 24 Mar 2019 2:30

Tgt Ion:	136	Resp:	15716
Ion	Ratio	Lower	Upper
136	100		
137	11.8	11.4	17.0
54	30.7	39.3	58.9#
68	8.5	6.7	10.1





#8

Nitrobenzene-d5

Concen: 0.760 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.01 min

Lab File: BE099129.D

Acq: 24 Mar 2019 2:30

Instrument :

BNA_E

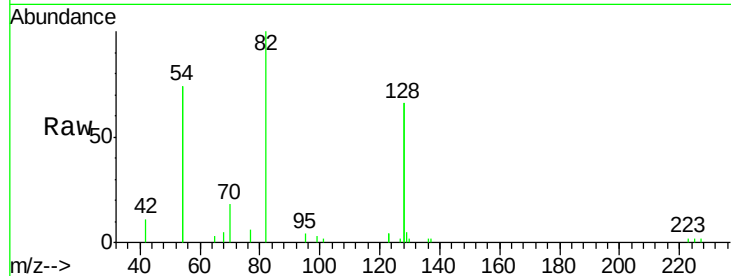
ClientSampleId :

PST-026-B020-031319

Tot Ion	Ratio	Lower	Upper
82	100		
128	131.7	123.8	185.8
54	147.9	203.4	305.2

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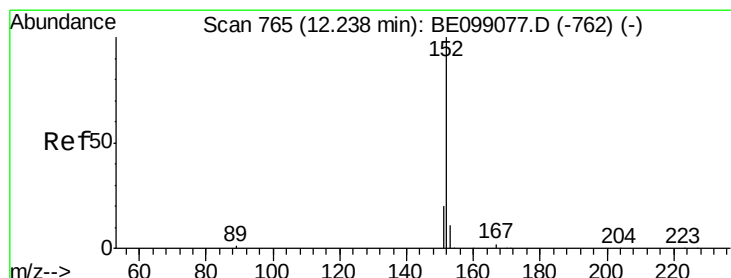
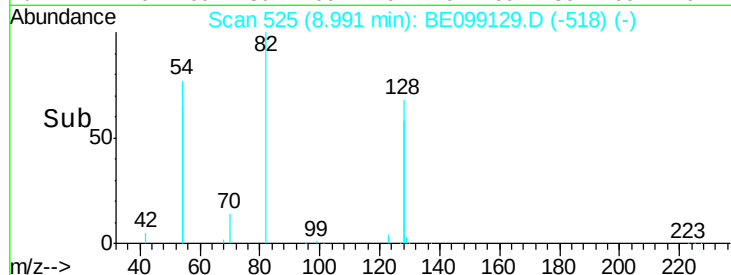
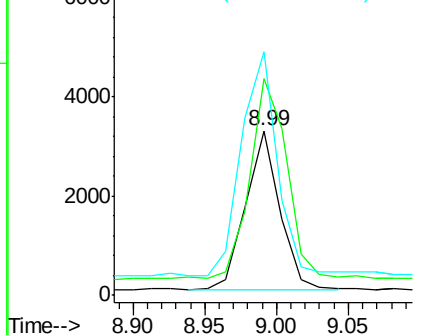
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Abundance Ion 82.00 (81.70 to 82.70): BE099129.D (-518) (-)

Ion 128.00 (127.70 to 128.70): BE099129.D (-518) (-)

Ion 54.00 (53.70 to 54.70): BE099129.D (-518) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.01 min

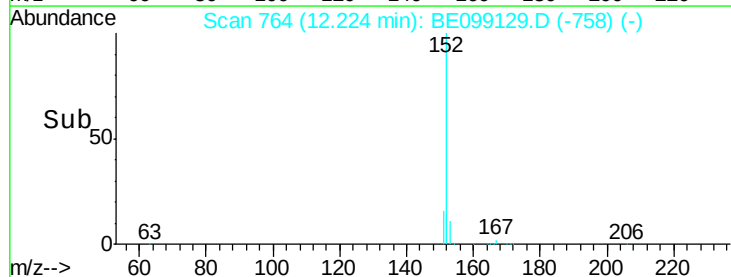
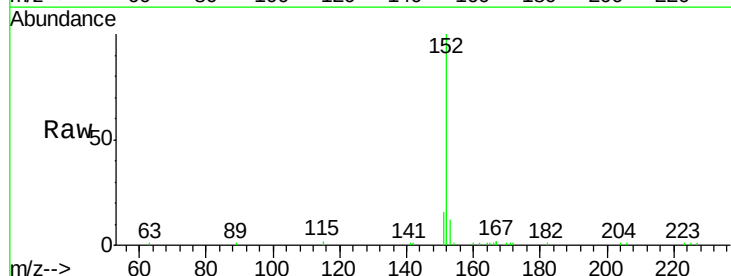
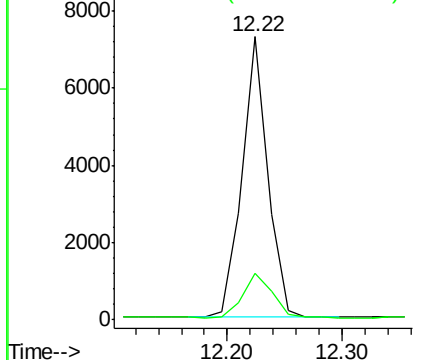
Lab File: BE099129.D

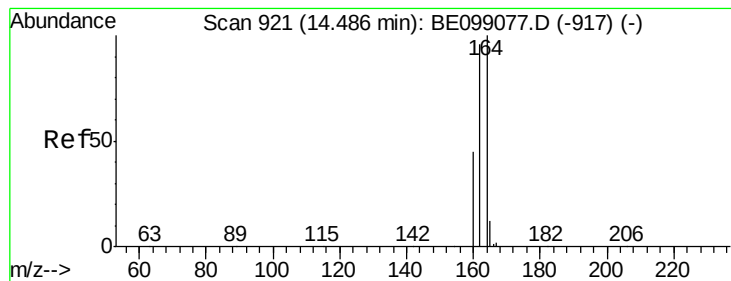
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.5	24.7

Abundance Ion 152.00 (151.70 to 152.70): BE099129.D (-758) (-)

Ion 151.00 (150.70 to 151.70): BE099129.D (-758) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099129.D

Acq: 24 Mar 2019 2:30

Instrument :

BNA_E

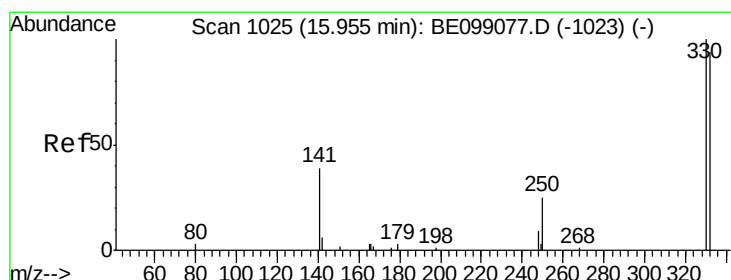
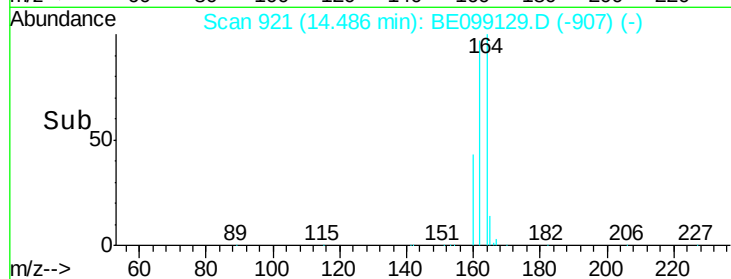
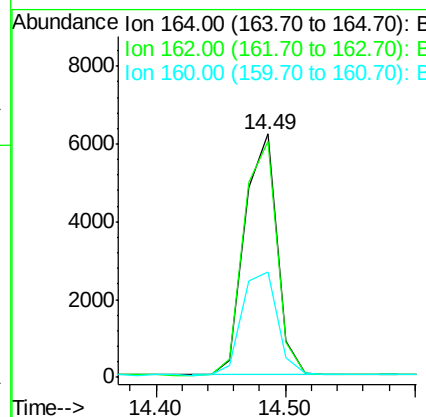
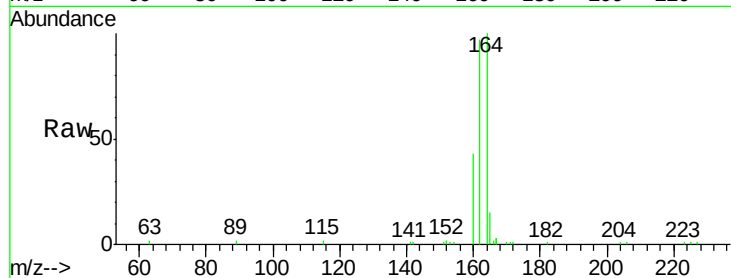
ClientSampleId :

PST-026-B020-031319

Tot Ion:	164	Resp:	10665
Ion Ratio	Lower	Upper	
164	100		
162	96.7	80.2	120.2
160	43.5	37.8	56.8

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#14

2,4,6-Tribromophenol

Concen: 0.767 ng

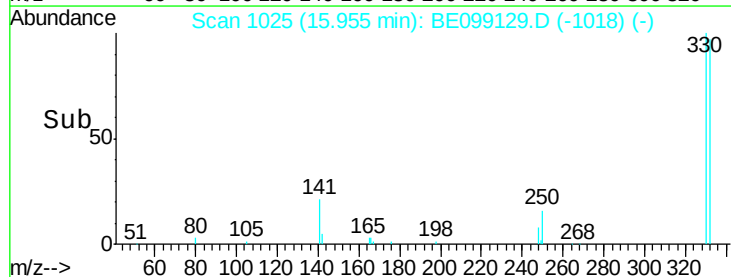
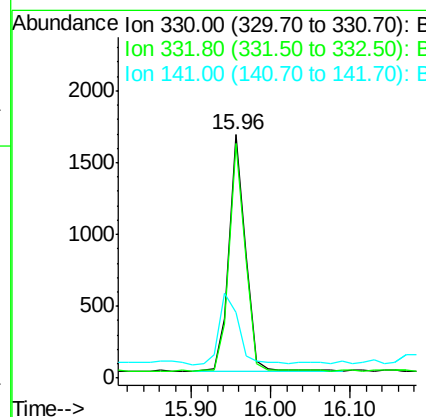
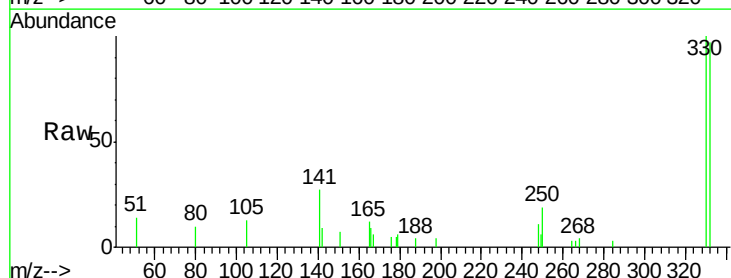
RT: 15.96 min Scan# 1025

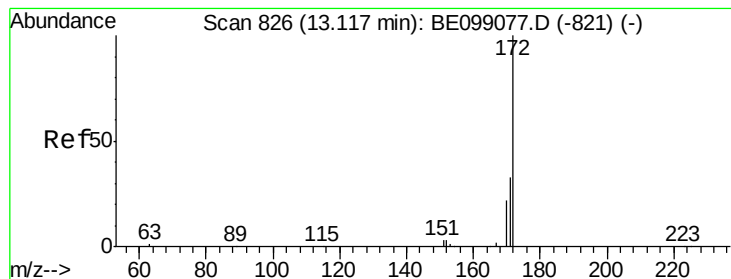
Delta R.T. 0.00 min

Lab File: BE099129.D

Acq: 24 Mar 2019 2:30

Tgt Ion:	330	Resp:	2405
Ion Ratio	Lower	Upper	
330	100		
332	93.8	77.6	116.4
141	36.4	31.0	46.4





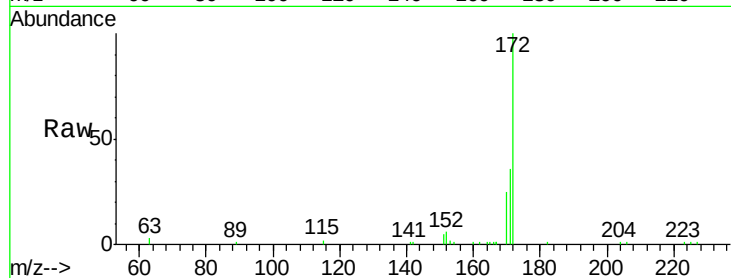
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

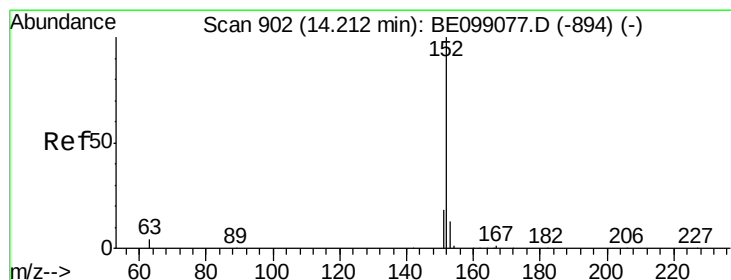
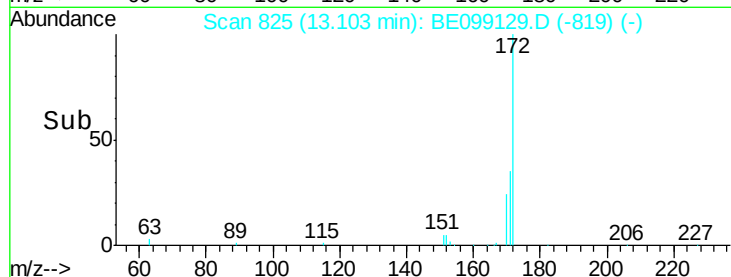
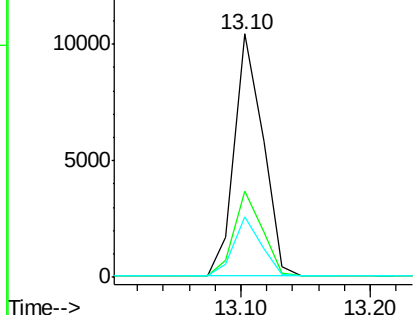
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	24.8	17.7	26.5

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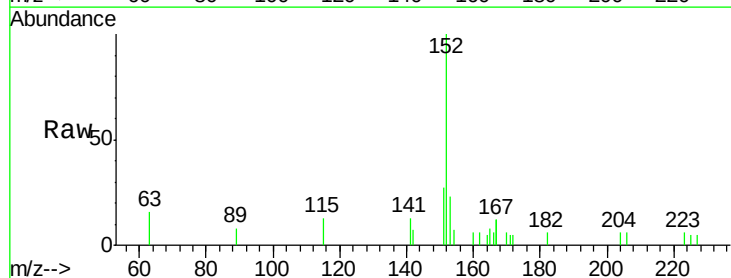


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

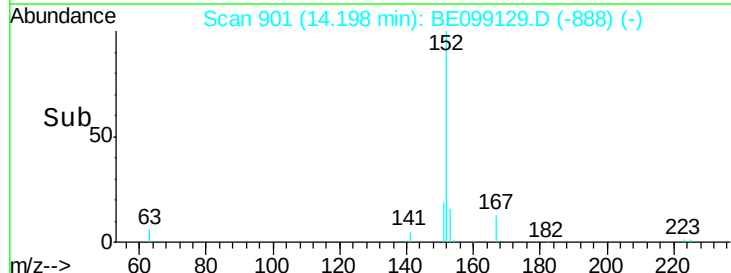
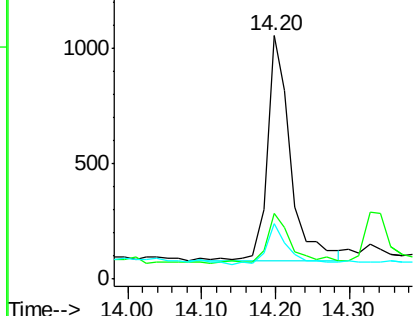


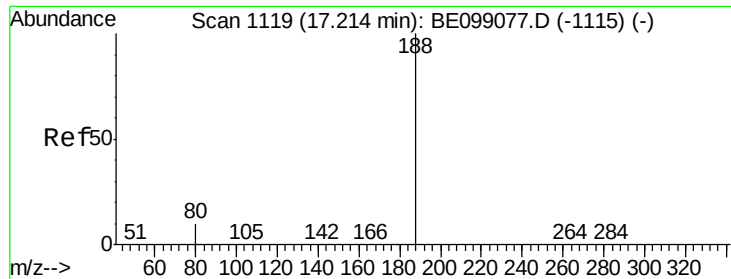
#16
Acenaphthylene
Concen: 0.038 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.0	25.6
153	17.6	11.2	16.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





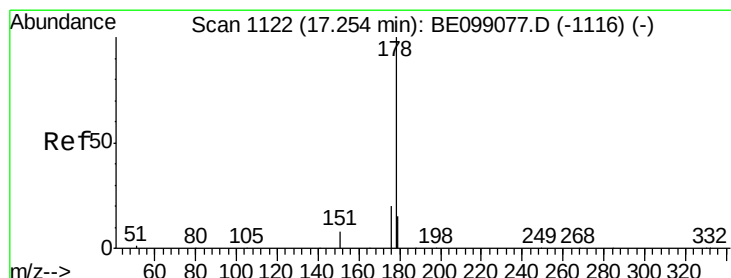
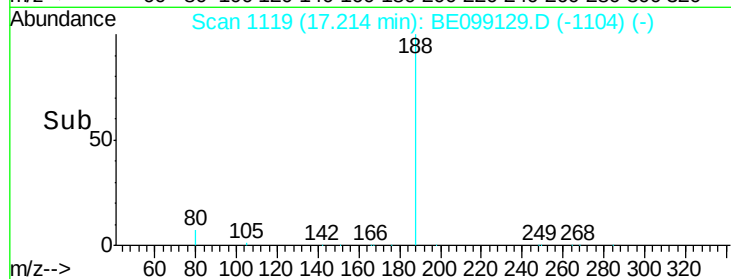
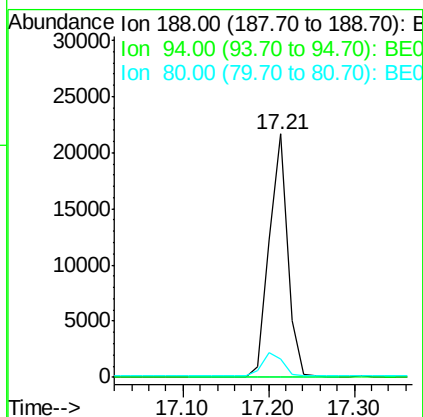
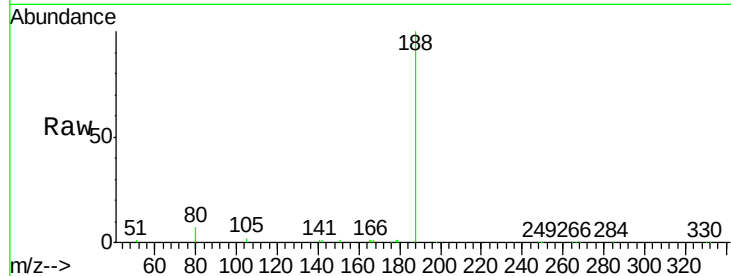
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	6.3	9.5

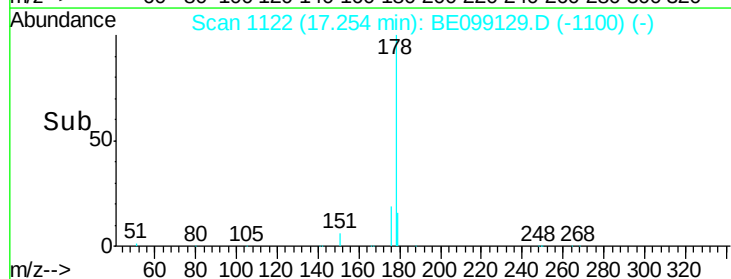
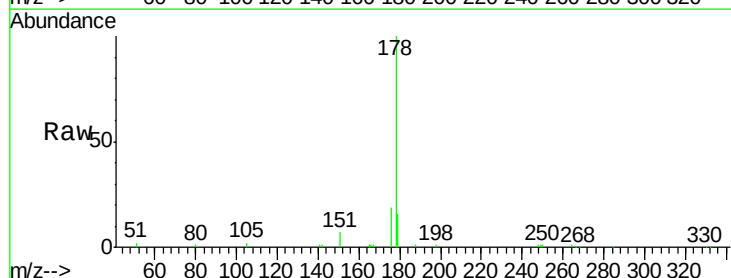
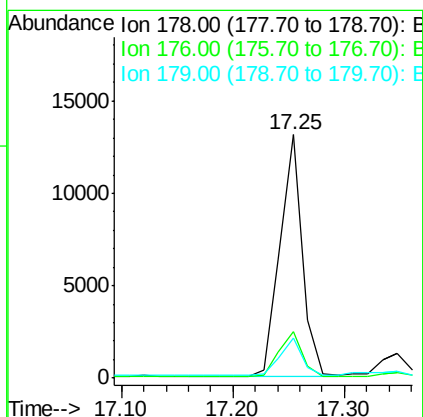
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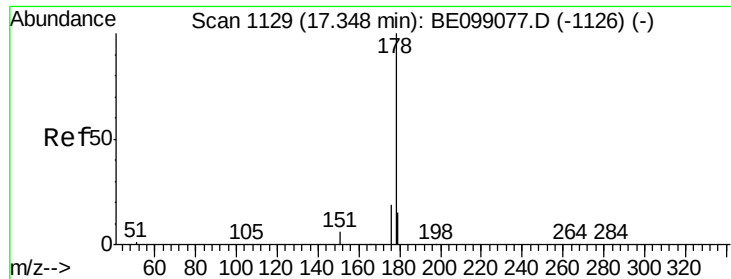
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#23
Phenanthrene
Concen: 0.194 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.5	16.0	24.0
179	16.3	12.1	18.1





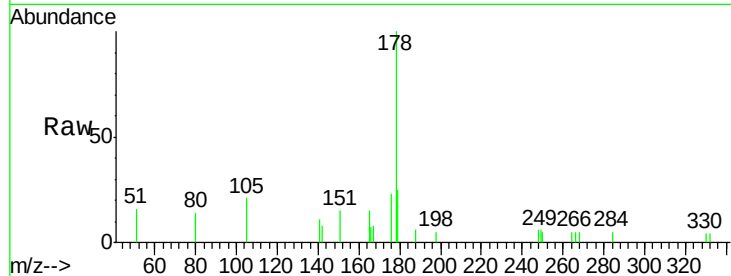
#24
 Anthracene
 Concen: 0.023 ng
 RT: 17.35 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BE099129.D
 Acq: 24 Mar 2019 2:30

Instrument :
 BNA_E
 ClientSampleId :
 PST-026-B020-031319

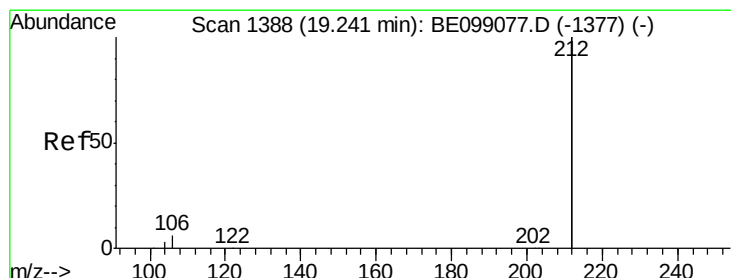
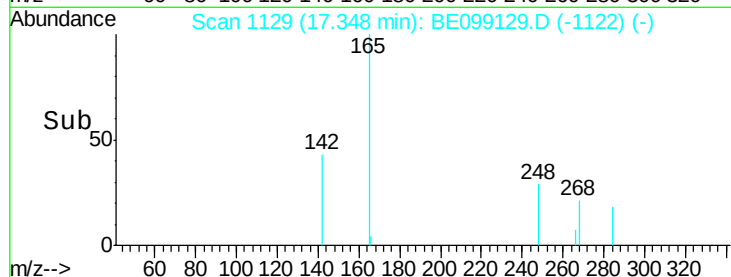
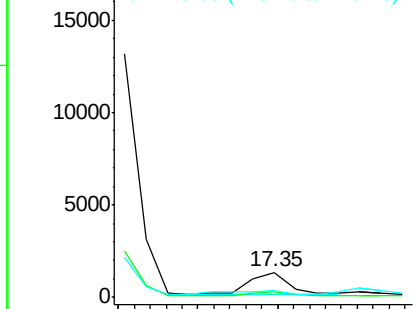
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	20.1	12.2	18.4

Manual Integrations
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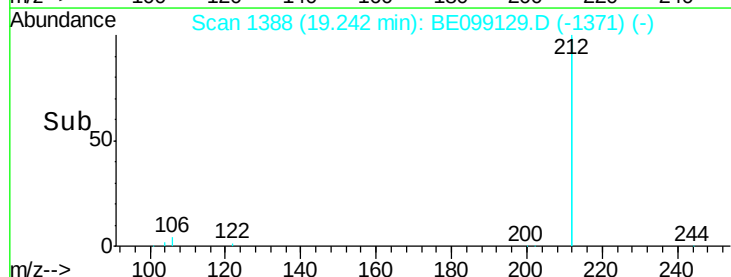
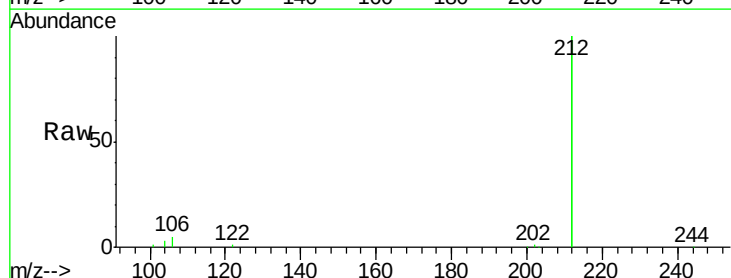
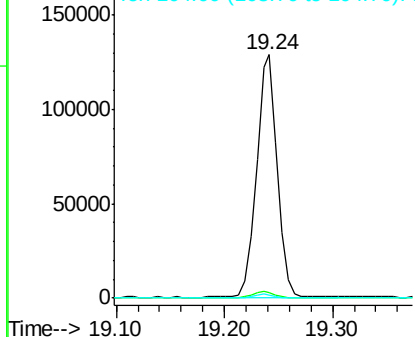
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

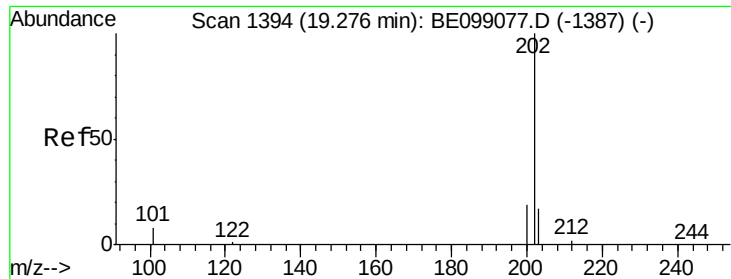


#25
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE099129.D
 Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.8	1.8	2.8
104	1.5	1.0	1.6

Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E





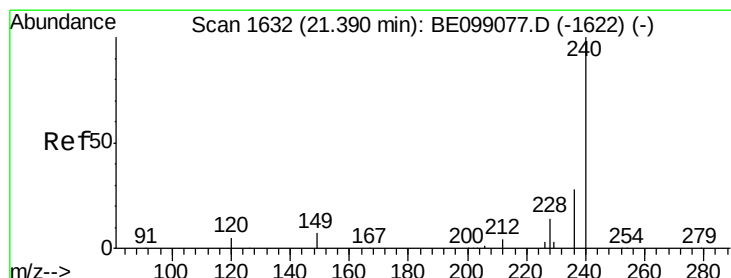
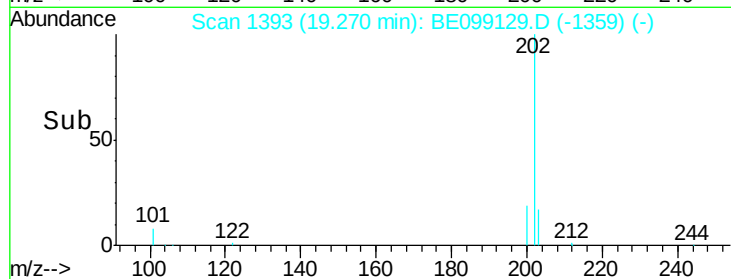
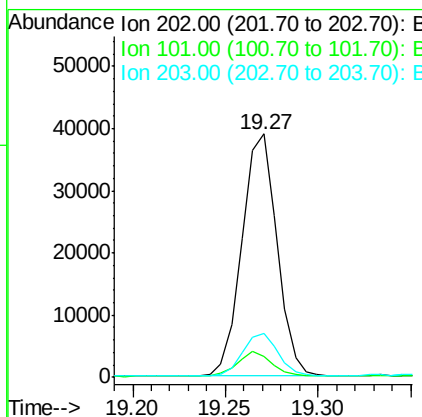
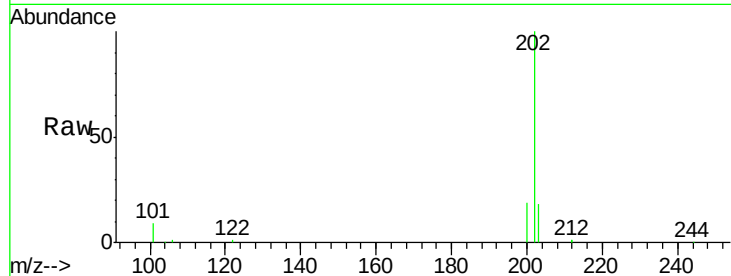
#26
 Fluoranthene
 Concen: 0.382 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099129.D
 Acq: 24 Mar 2019 2:30

Instrument :
 BNA_E
 ClientSampleId :
 PST-026-B020-031319

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.3	10.9
203	17.4	13.4	20.2

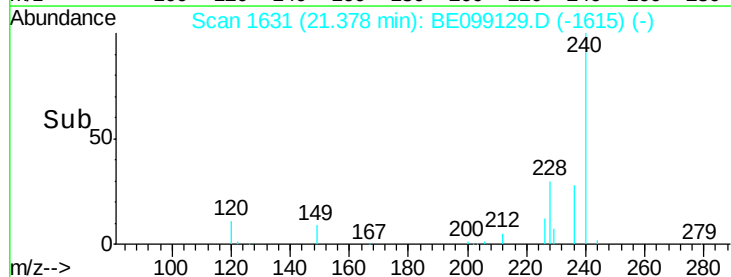
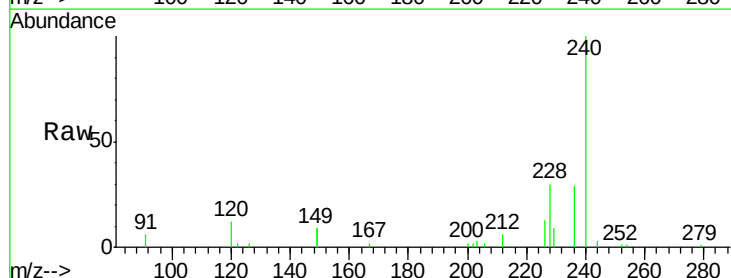
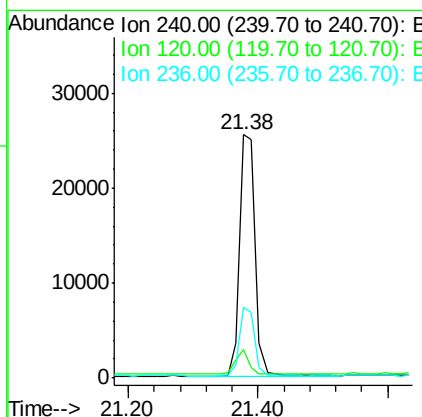
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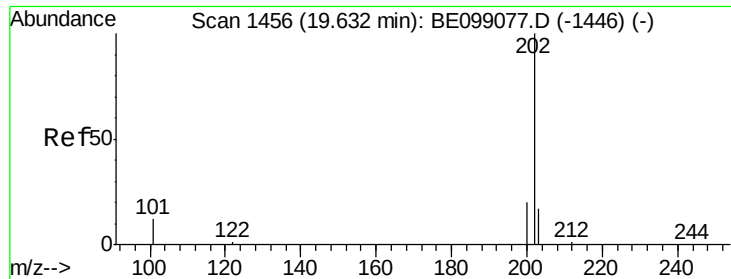
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BE099129.D
 Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.0	7.4#
236	29.0	22.7	34.1





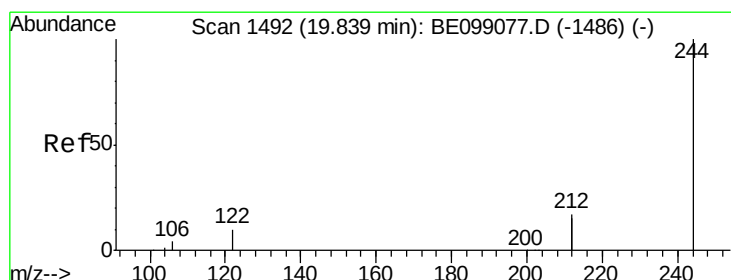
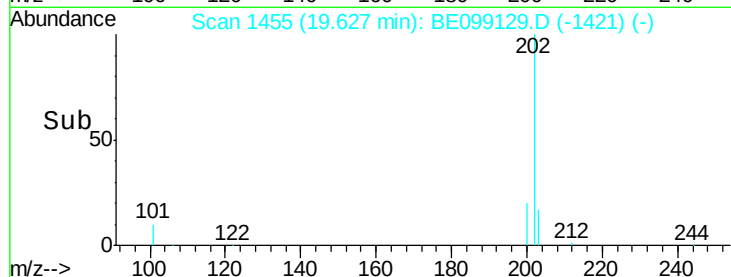
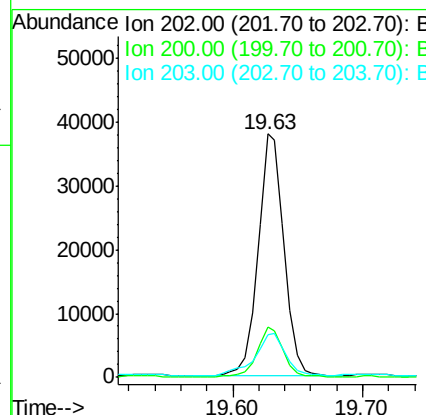
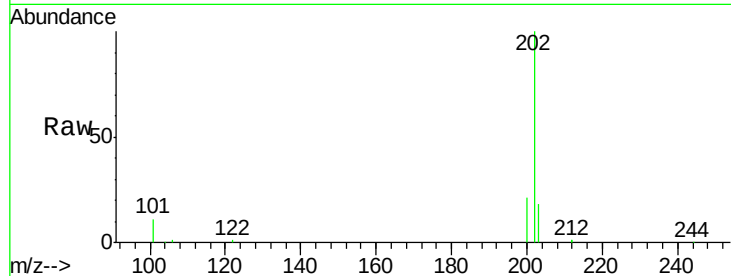
#28
Pvrene
Concen: 0.364 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	17.0	25.6
203	21.0	14.2	21.2

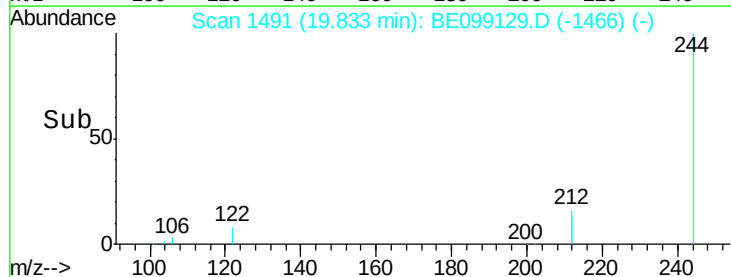
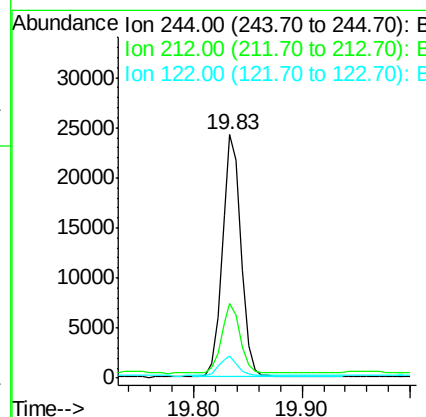
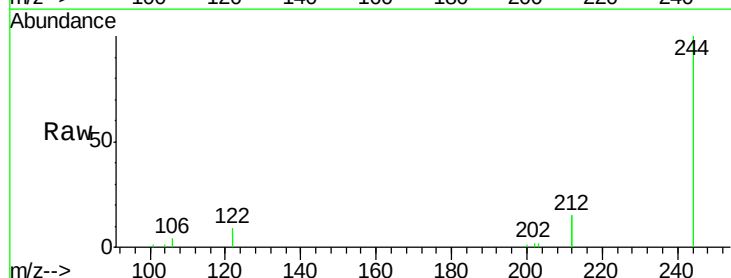
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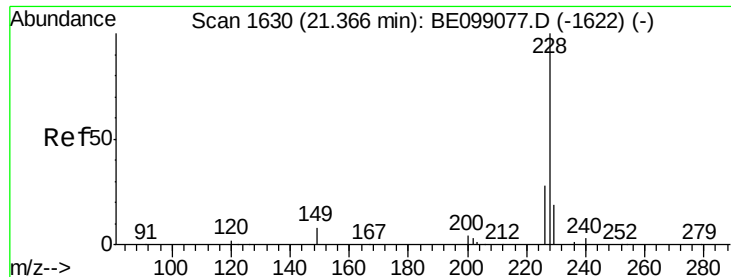
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#29
Terphenyl-d14
Concen: 0.323 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	30.9	29.4	44.2
122	9.3	7.1	10.7





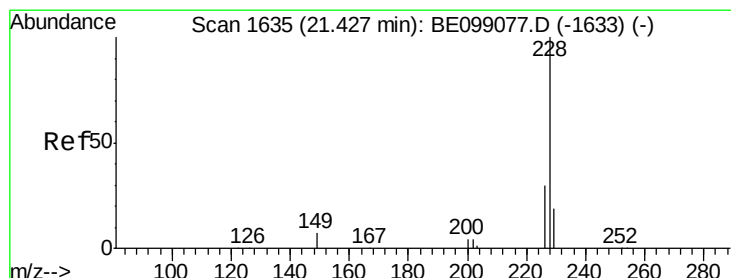
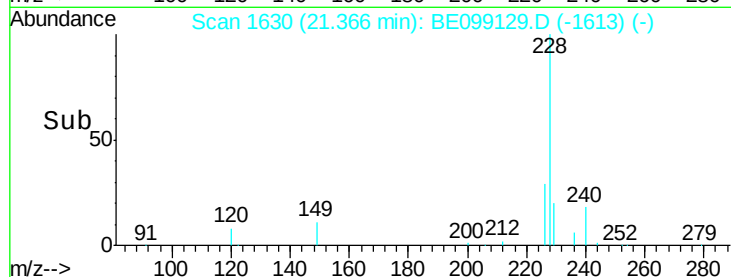
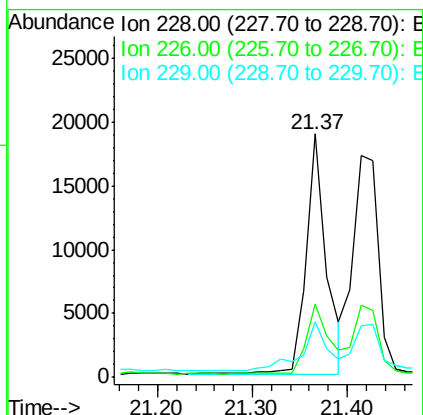
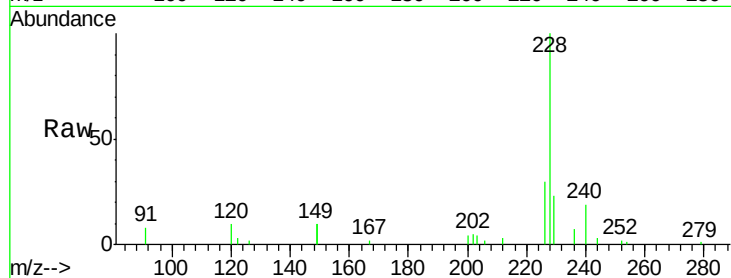
#30
Benzo(a)anthracene
Concen: 0.184 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.4
229	22.9	16.5	24.7

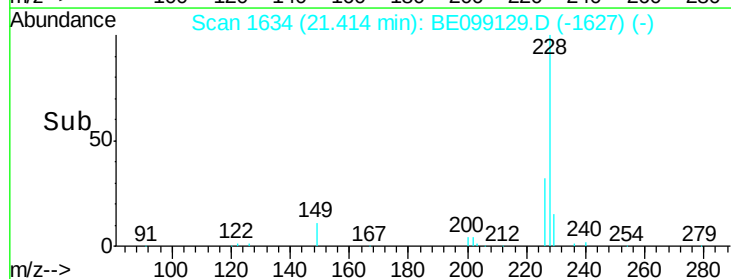
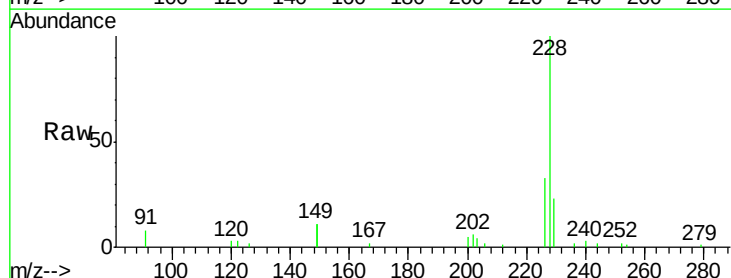
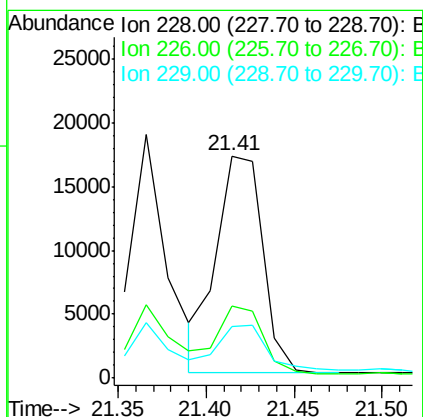
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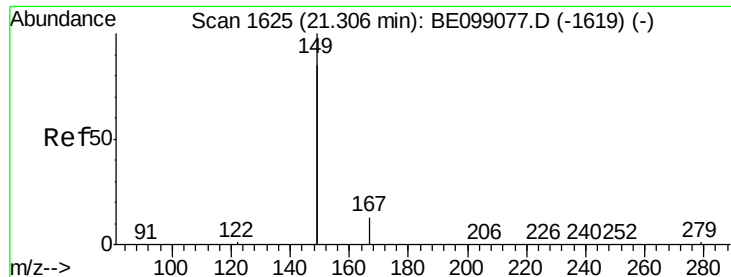
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#31
Chrysene
Concen: 0.207 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.7	35.5
229	23.0	16.1	24.1





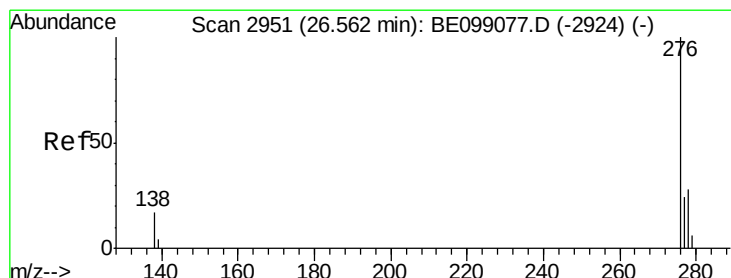
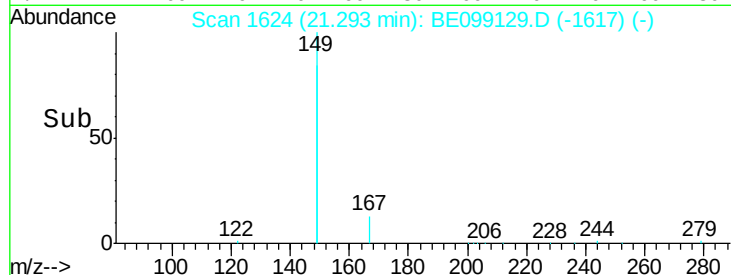
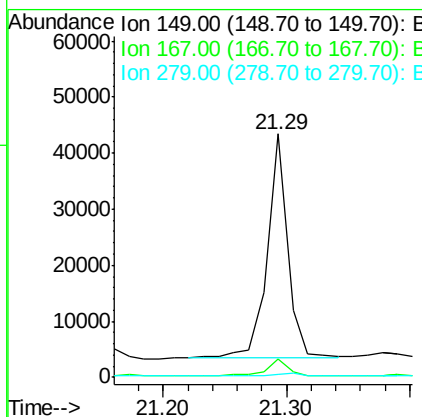
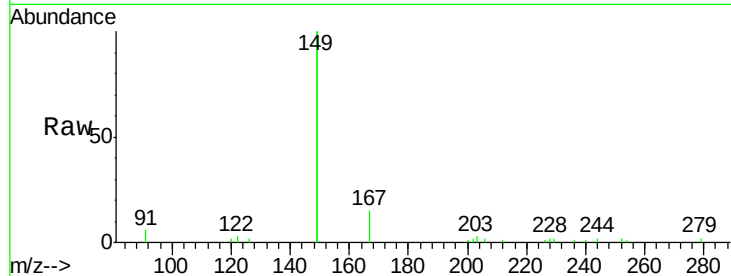
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.239 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	7.1	5.4	8.0
279	1.3	1.0	1.4

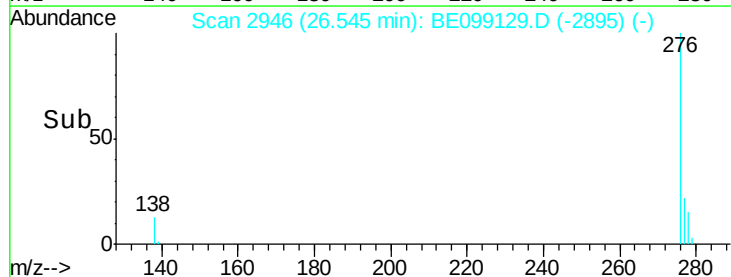
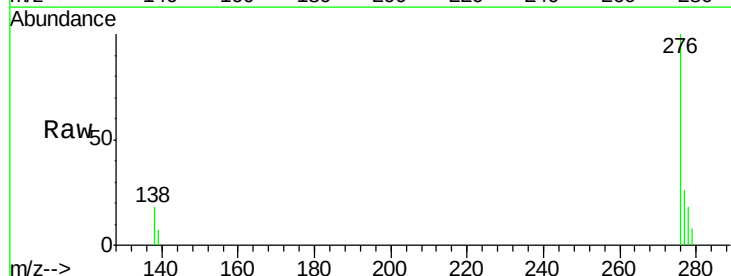
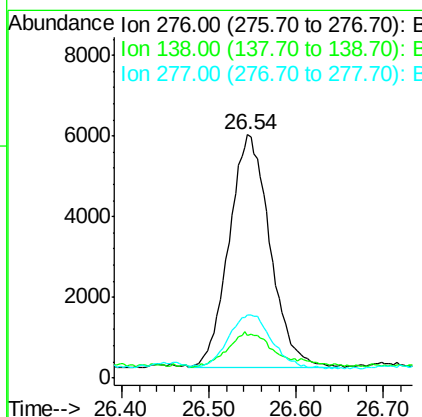
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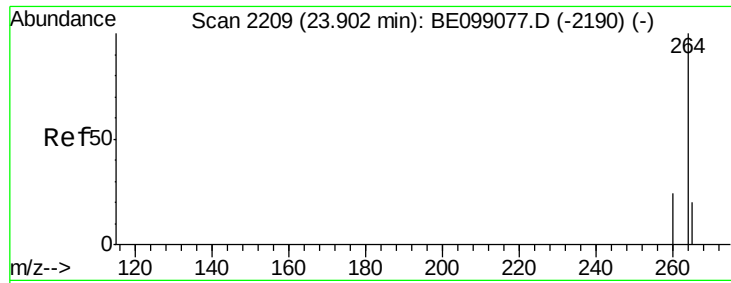
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#33
Indeno(1,2,3-cd)pyrene
Concen: 0.116 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.9	13.8	20.8
277	23.5	19.5	29.3





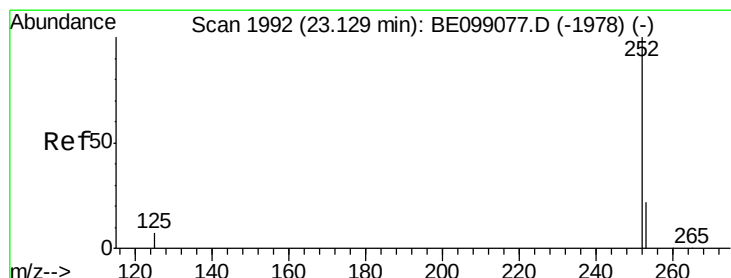
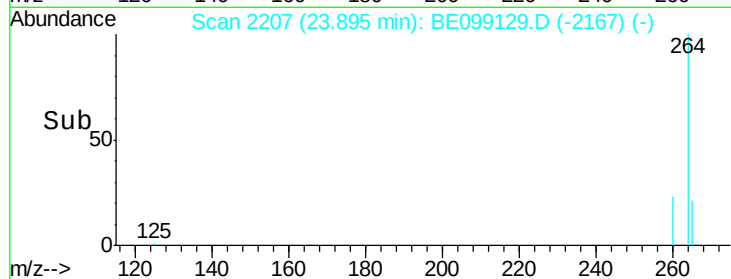
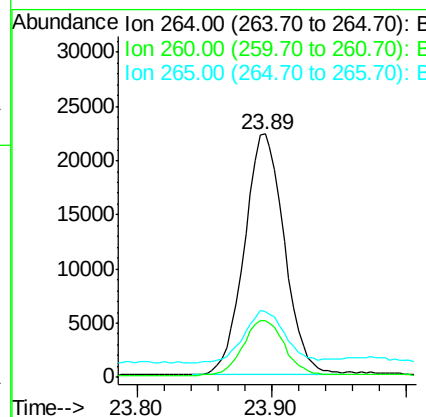
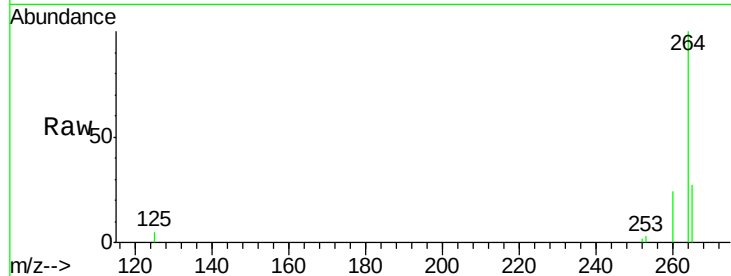
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.2	31.8
265	26.9	24.6	36.8

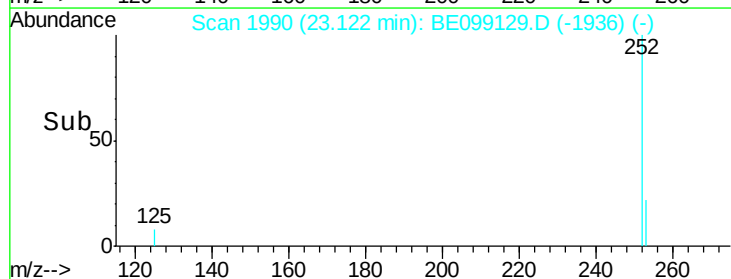
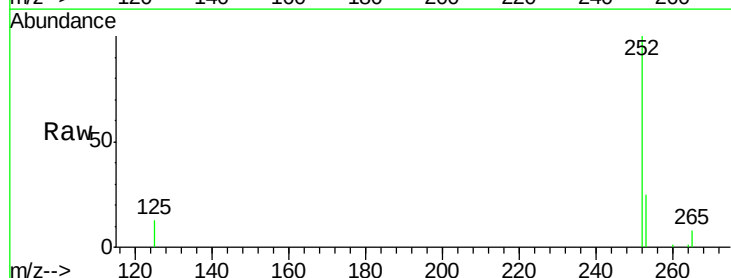
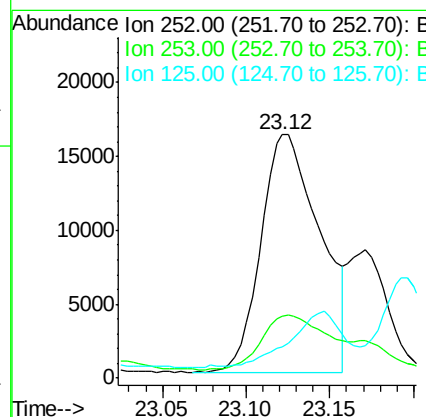
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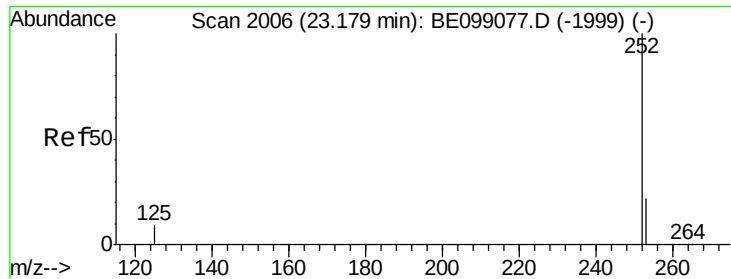
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#35
Benzo(b)fluoranthene
Concen: 0.249 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	12.7	7.3	10.9





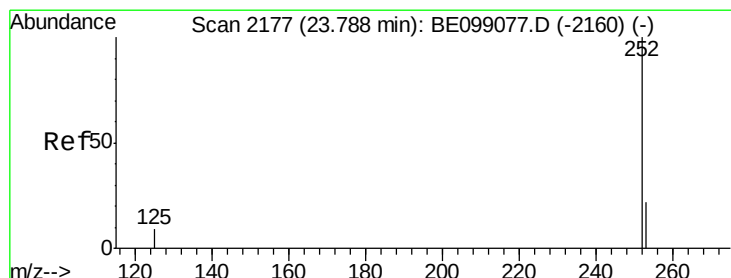
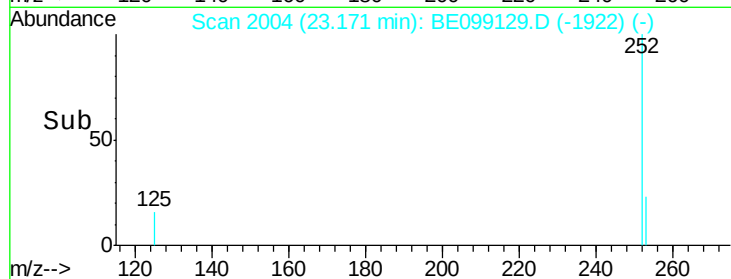
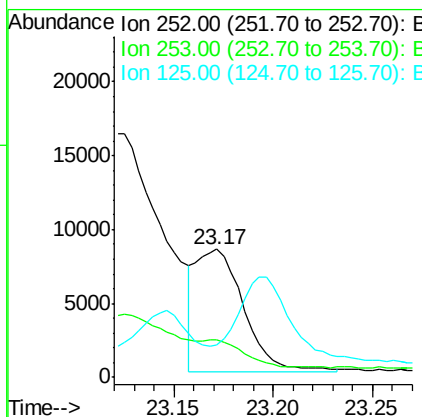
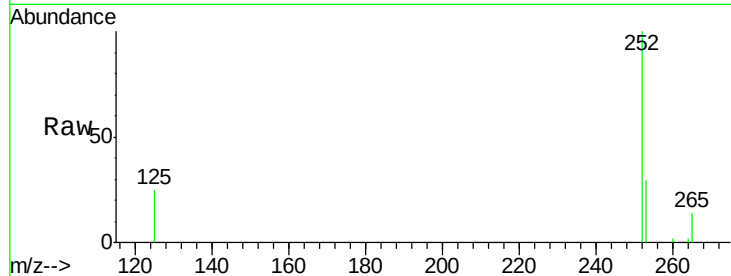
#36
Benzo(k)fluoranthene
Concen: 0.089 ng m
RT: 23.17 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tot Ion:252 Resp: 13870
Ion Ratio Lower Upper
252 100
253 29.7 19.3 28.9#
125 25.0 7.5 11.3#

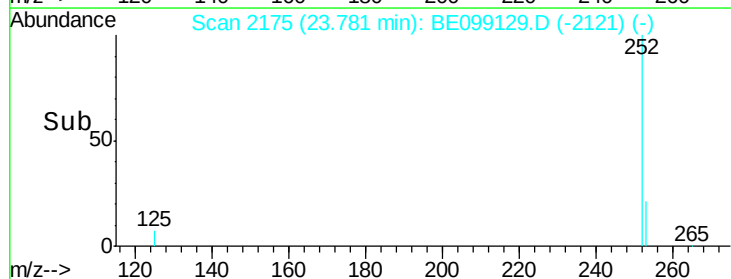
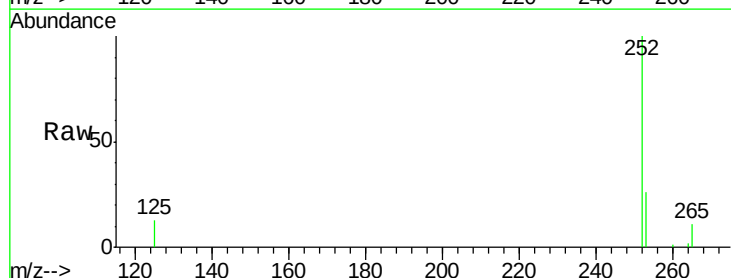
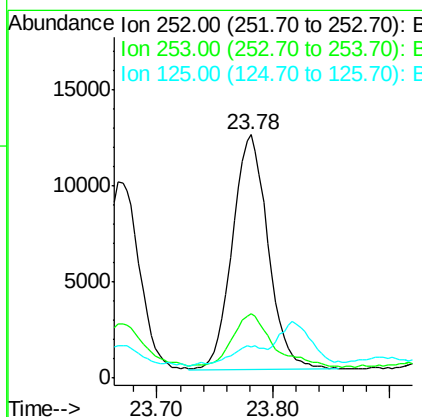
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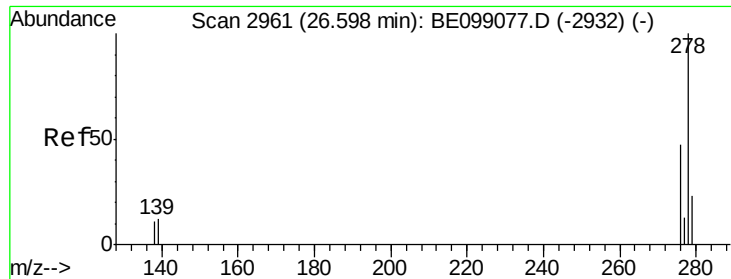
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#37
Benzo(a)pyrene
Concen: 0.177 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion:252 Resp: 26047
Ion Ratio Lower Upper
252 100
253 26.4 19.9 29.9
125 12.9 9.0 13.4





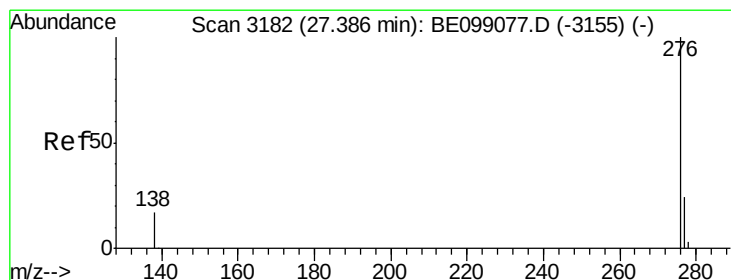
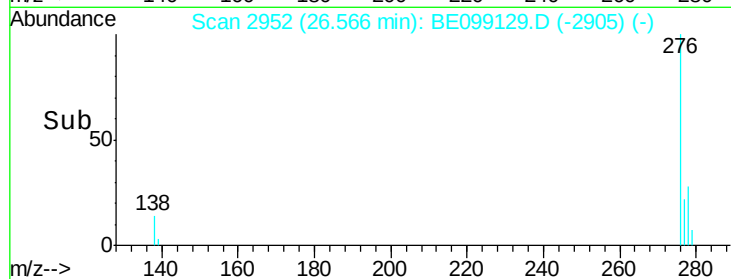
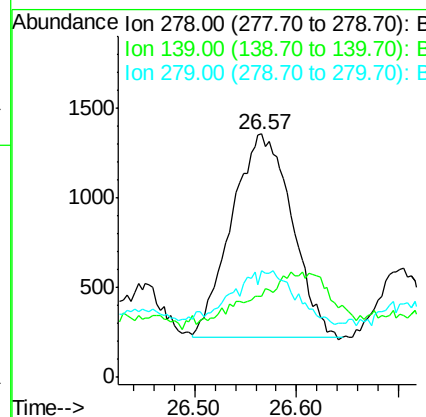
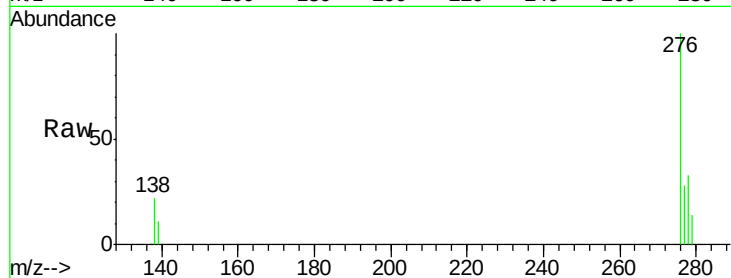
#38
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.03 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Instrument :
BNA_E
ClientSampleId :
PST-026-B020-031319

Tot Ion	Ratio	Lower	Upper
278	100		
139	33.1	11.8	17.6#
279	44.0	21.1	31.7#

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#39
Benzo(g,h,i)perylene
Concen: 0.132 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099129.D
Acq: 24 Mar 2019 2:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	20.4	30.6
138	18.0	13.6	20.4

