Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099119.D
Acq On : 23 Mar 2019 19:32
Operator : JU/SJ
Sample : K2014-19
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW077-031919

Quant Time: Mar 23 22:37:16 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	3098	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	11724	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	7835	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	22827	0.40	ng	0.00
27) Chrysene-d12	21.39	240	33229	0.40	ng	0.00
34) Perylene-d12	23.90	264	35786	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	4059	0.44	ng	0.00
5) Phenol-d6	6.99	99	5889	0.44	ng	0.00
8) Nitrobenzene-d5	8.99	82	4073	0.79	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8583	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	1499	0.65	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	12298	0.39	ng	-0.01
25) Fluoranthene-d10	19.24	212	133961	0.44	ng	0.00
29) Terphenyl-d14	19.83	244	22899	0.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	100	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.69	42	85	0.034	ng	# 1
22) Pentachlorophenol	16.88	266	29	0.257	ng	95
23) Phenanthrene	17.26	178	4175	0.062	ng	97
26) Fluoranthene	19.27	202	7976	0.084	ng	# 94
28) Pyrene	19.63	202	7877	0.070	ng	# 95
30) Benzo(a)anthracene	21.37	228	4147	0.035	ng	# 88
31) Chrysene	21.43	228	4744	0.041	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.29	149	25181	0.166	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.55	276	2667	0.021	ng	# 89
35) Benzo(b)fluoranthene	23.12	252	5993	0.048	ng	# 70
36) Benzo(k)fluoranthene	23.12	252	5993	0.049	ng	# 73
37) Benzo(a)pyrene	23.78	252	3930	0.034	ng	# 66
39) Benzo(g,h,i)perylene	27.37	276	2687	0.024	ng	# 76

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

Quantitation Report (Not Reviewed)

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BNA_E
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PST-026-SW077-031919

Quant Time: Mar 23 22:37:16 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
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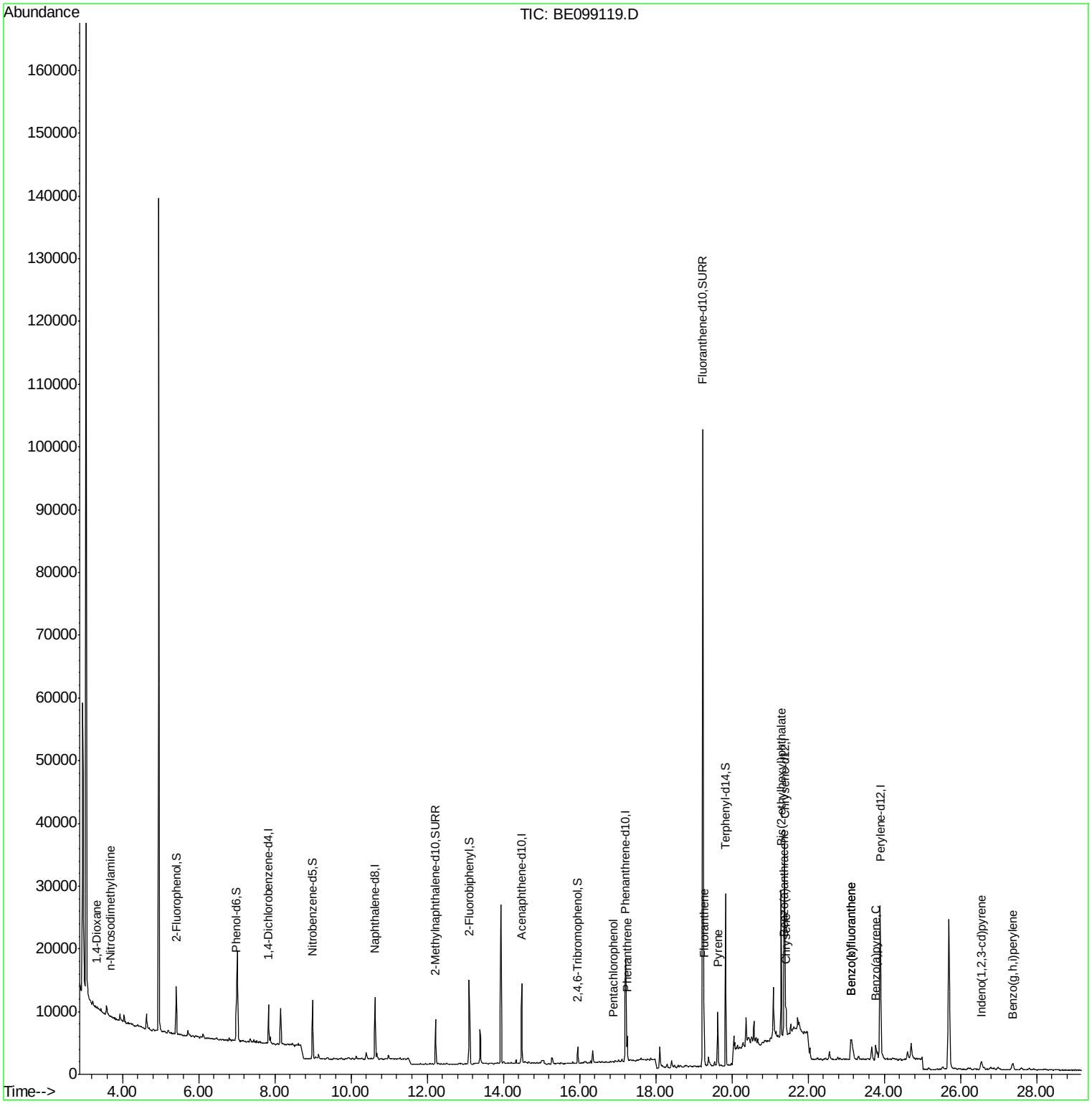
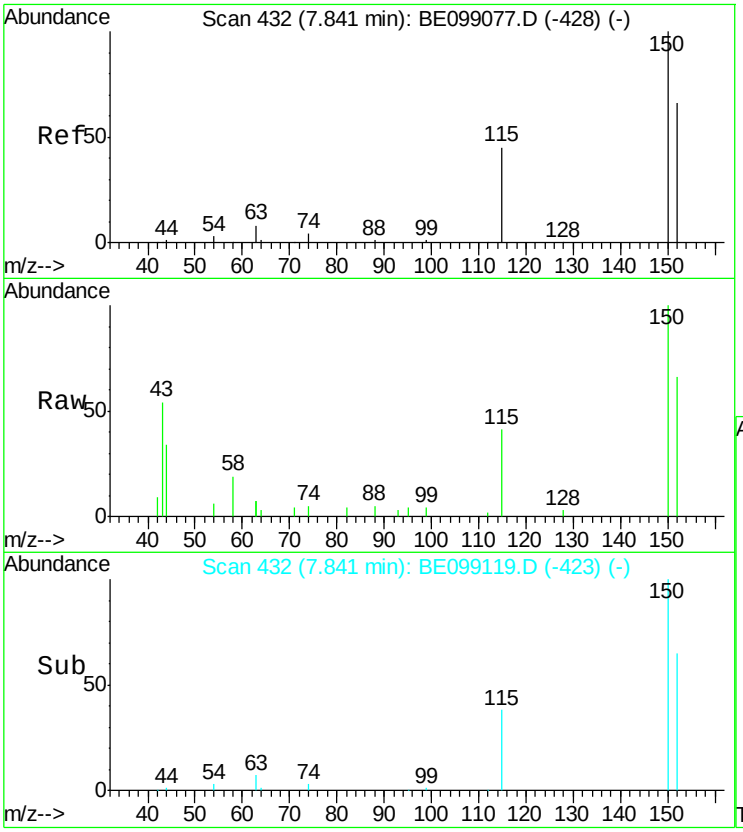


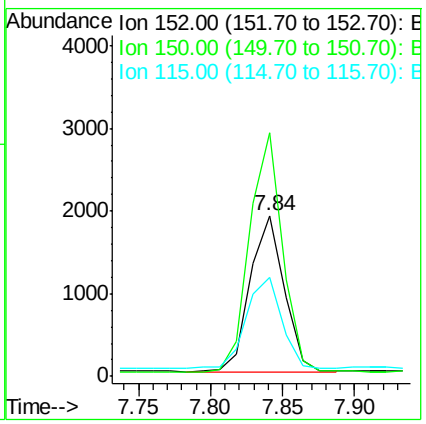


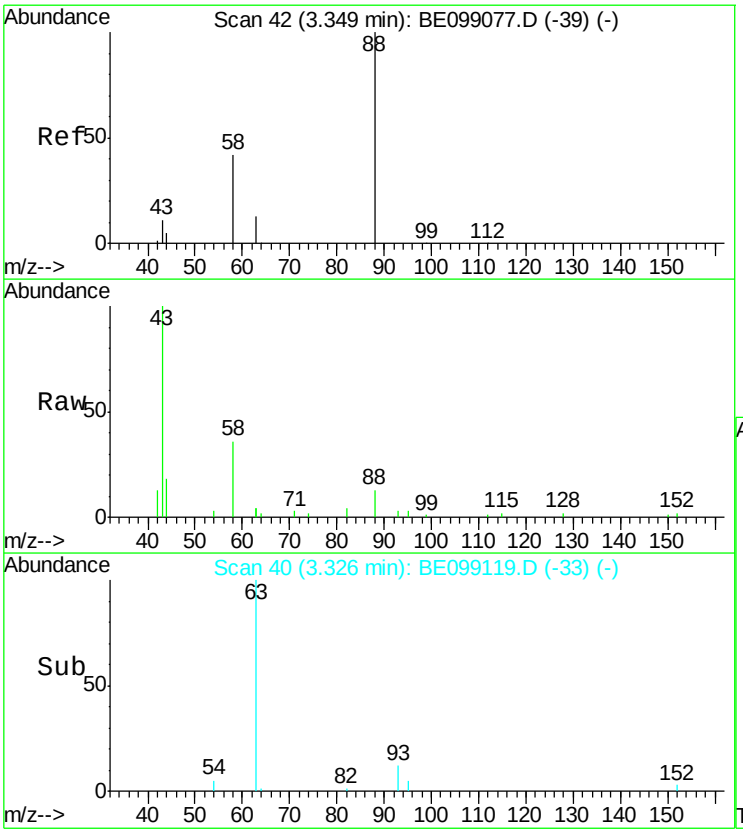
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:152 Resp: 3098

Ion	Ratio	Lower	Upper
152	100		
150	151.3	122.5	183.7
115	61.6	57.4	86.2

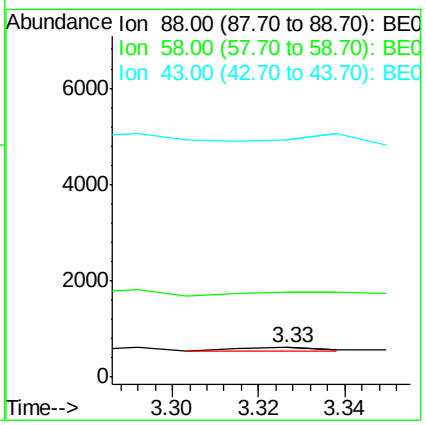


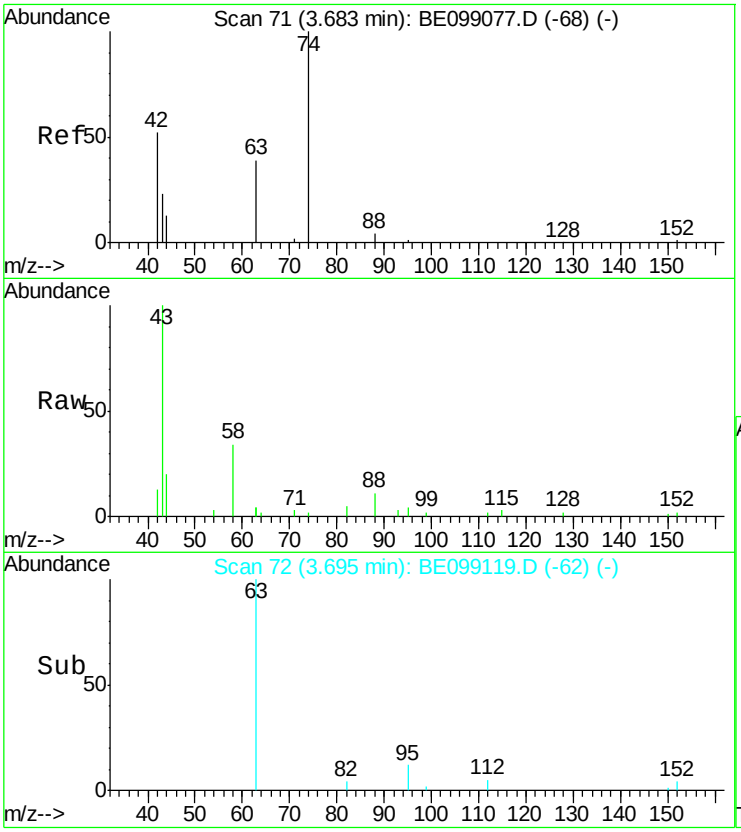


#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.33 min Scan# 40
Delta R.T. -0.02 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion: 88 Resp: 100

Ion	Ratio	Lower	Upper
88	100		
58	320.0	52.0	78.0#
43	0.0	24.0	36.0#



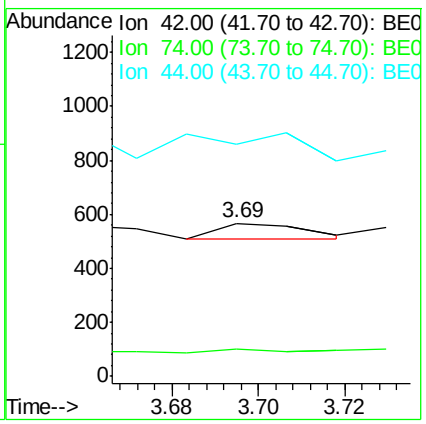


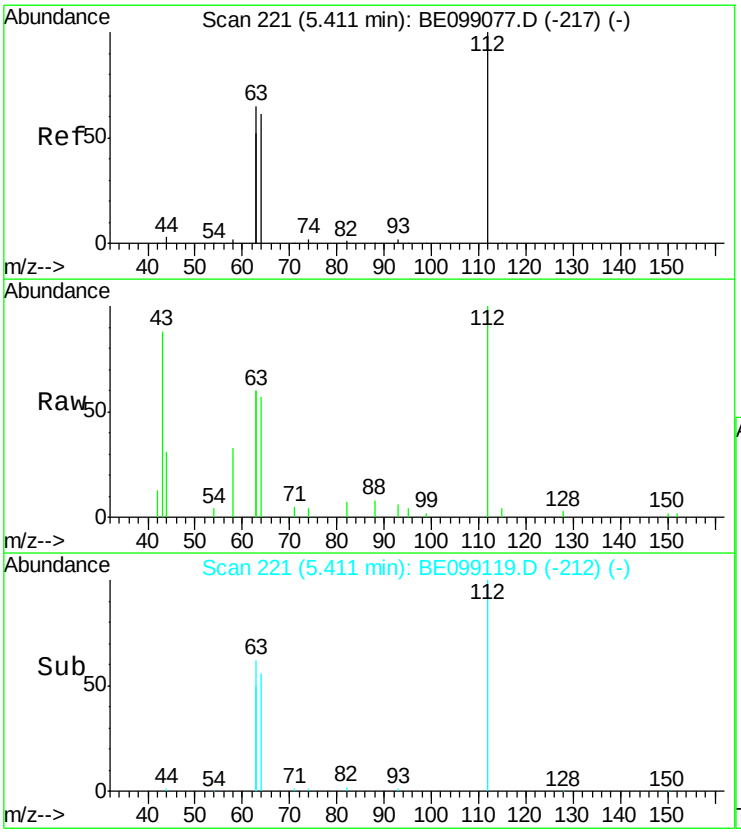
#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion: 42 Resp: 85

Ion	Ratio	Lower	Upper
42	100		
74	0.0	160.0	240.0#
44	196.5	0.0	0.0#

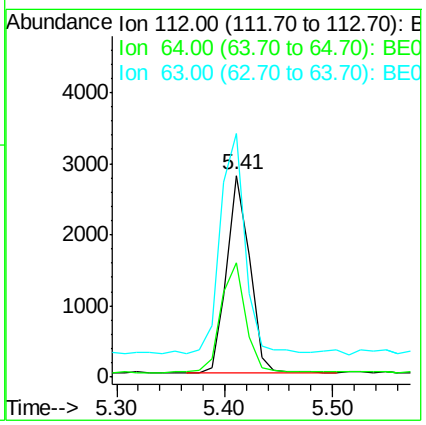


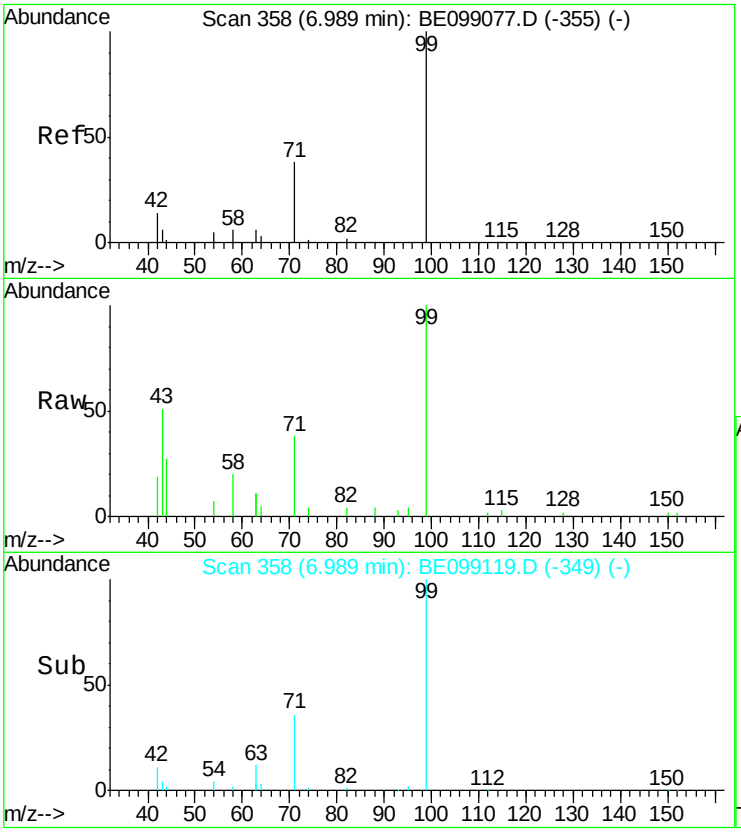


#4
2-Fluorophenol
Concen: 0.440 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:112 Resp: 4059

Ion	Ratio	Lower	Upper
112	100		
64	60.6	57.9	86.9
63	121.5	158.3	237.5#



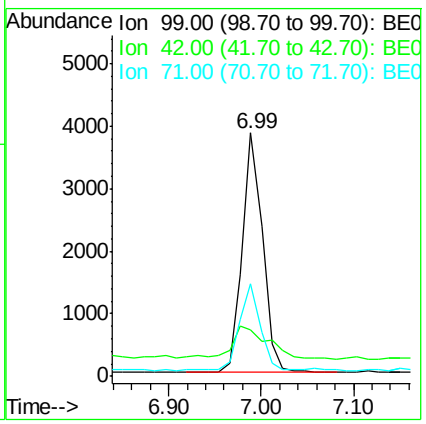


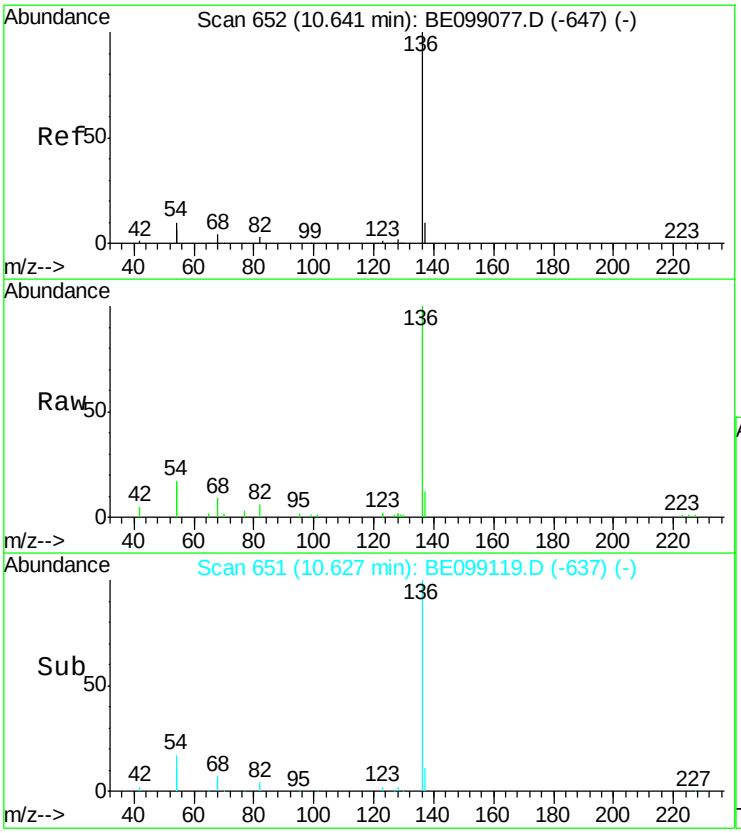
#5
Phenol-d6
Concen: 0.443 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion: 99 Resp: 5889

Ion	Ratio	Lower	Upper
99	100		
42	24.6	24.2	36.2
71	36.6	35.7	53.5

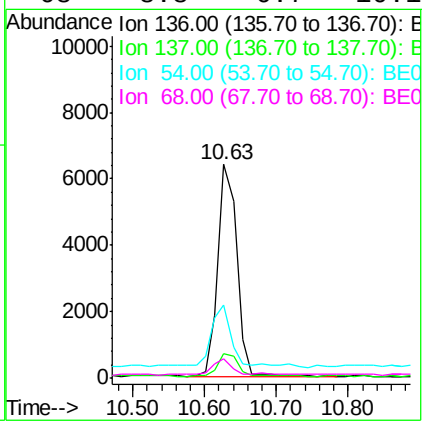


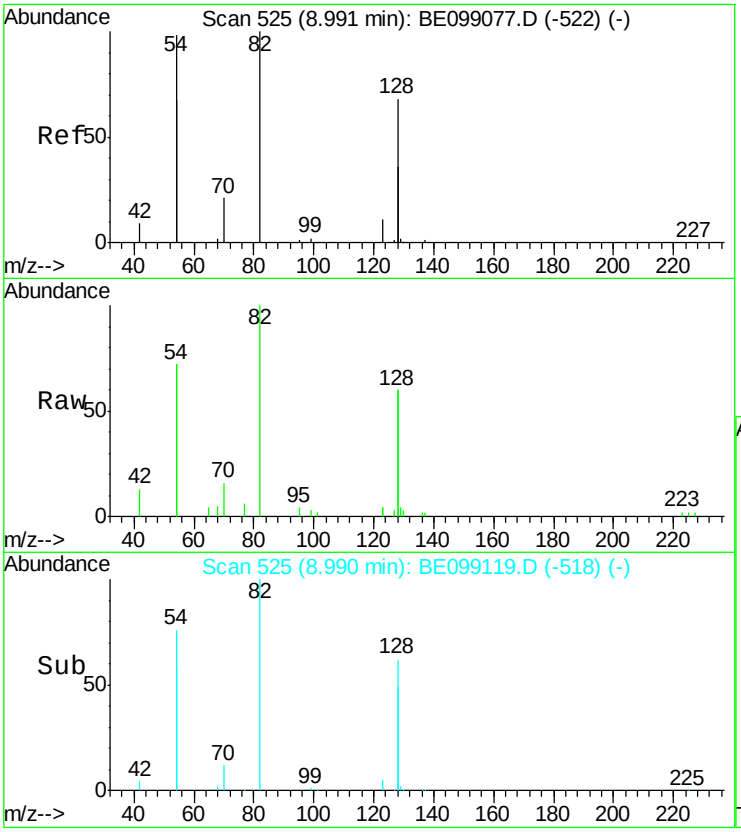


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:136 Resp: 11724

Ion	Ratio	Lower	Upper
136	100		
137	11.5	11.4	17.0
54	34.2	39.3	58.9#
68	8.8	6.7	10.1



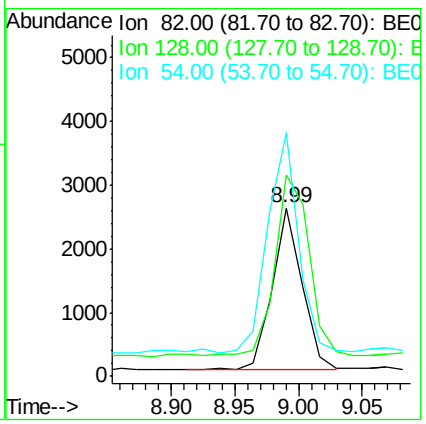


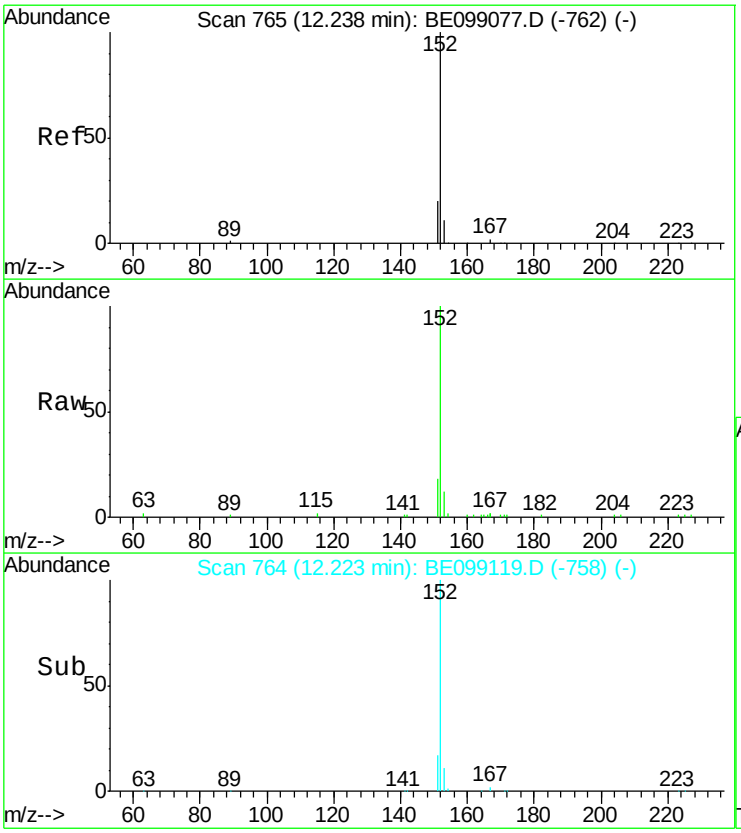
#8
Nitrobenzene-d5
Concen: 0.795 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion: 82 Resp: 4073

Ion	Ratio	Lower	Upper
82	100		
128	119.5	123.8	185.8#
54	144.5	203.4	305.2#

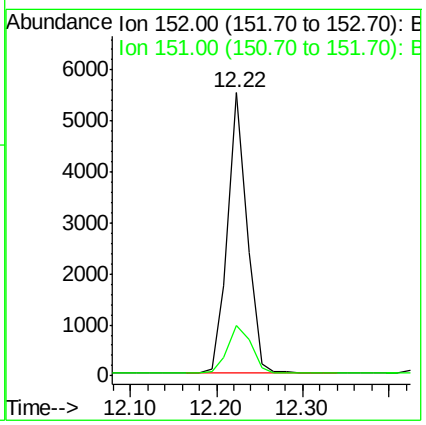


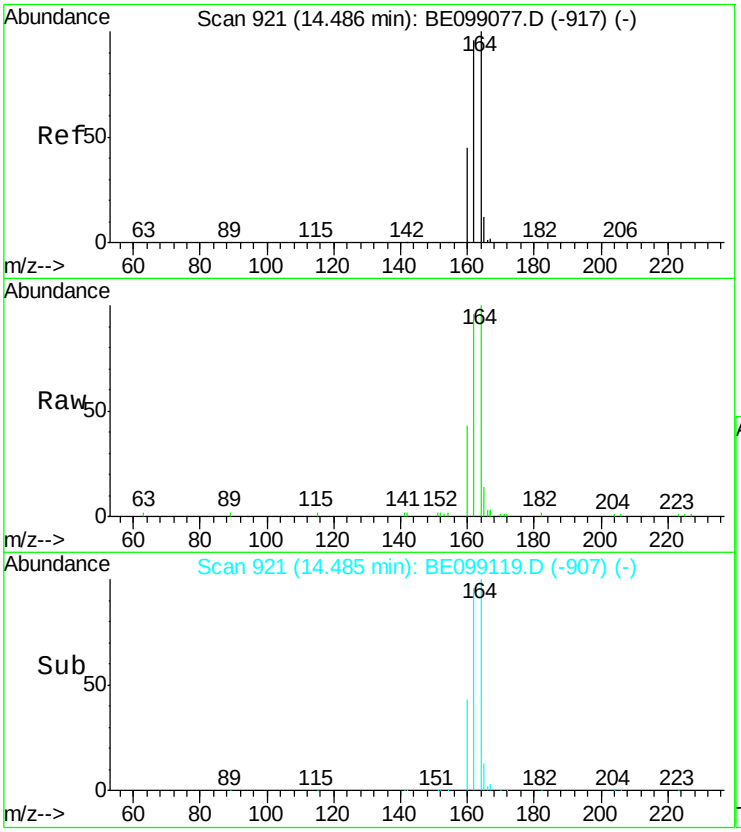


#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:152 Resp: 8583

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7



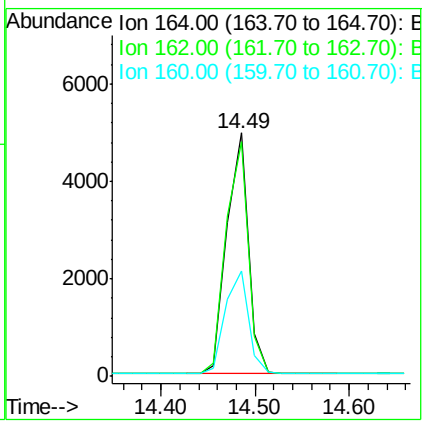


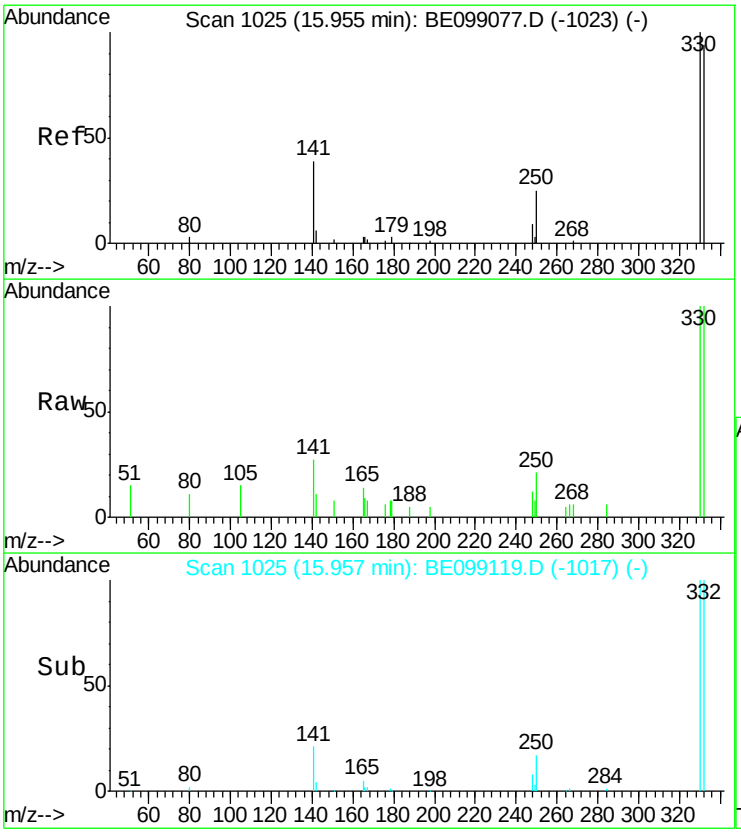
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:164 Resp: 7835

Ion	Ratio	Lower	Upper
164	100		
162	96.5	80.2	120.2
160	43.2	37.8	56.8

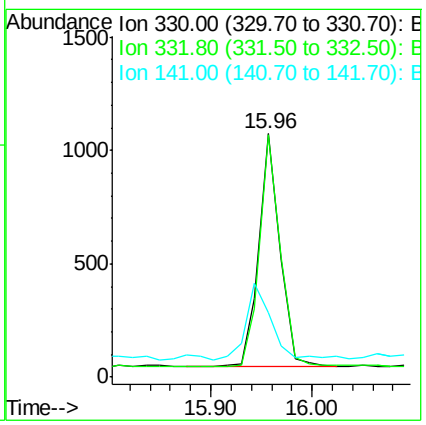


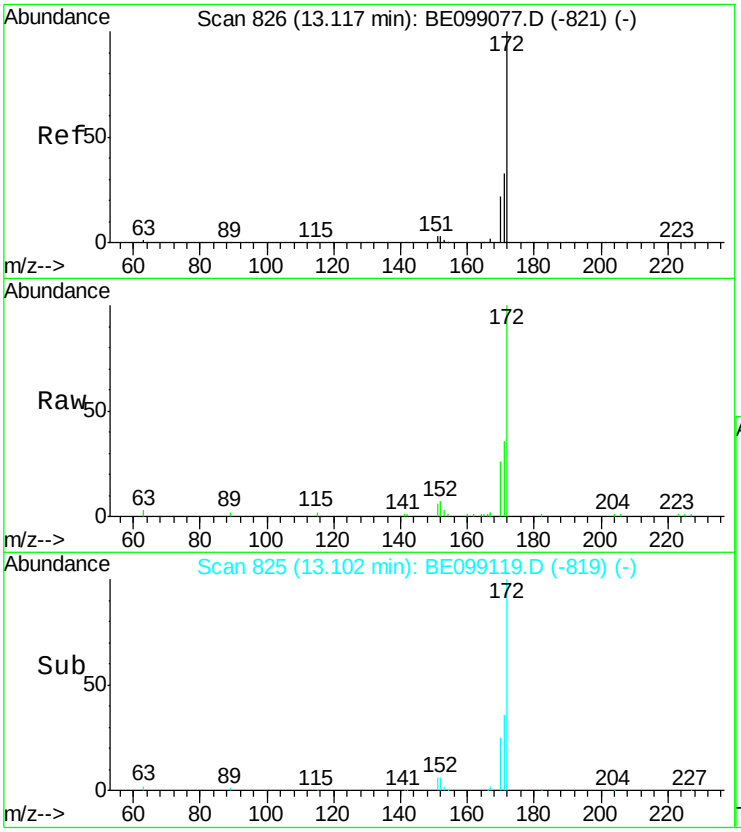


#14
2,4,6-Tribromophenol
Concen: 0.651 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:330 Resp: 1499

Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.6	116.4
141	39.7	31.0	46.4



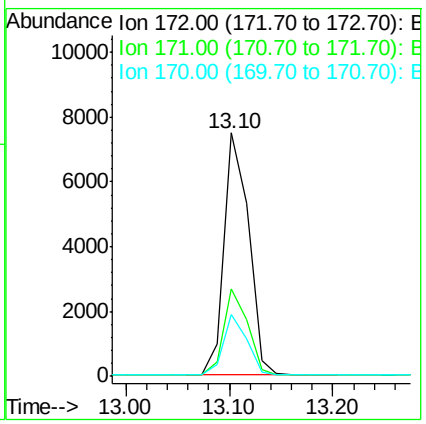


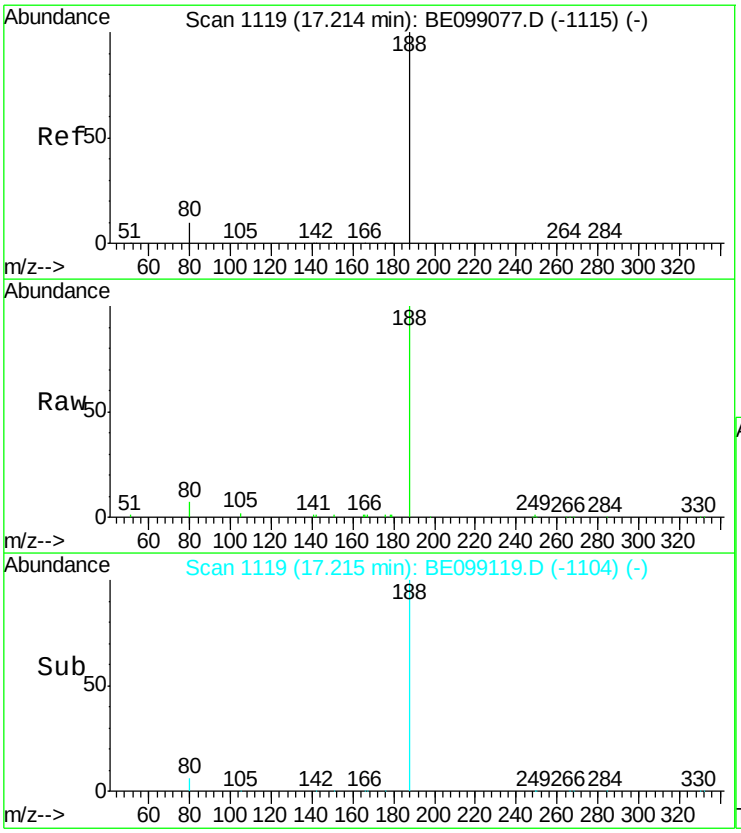
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:172 Resp: 12298

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.0	42.0
170	25.6	17.7	26.5

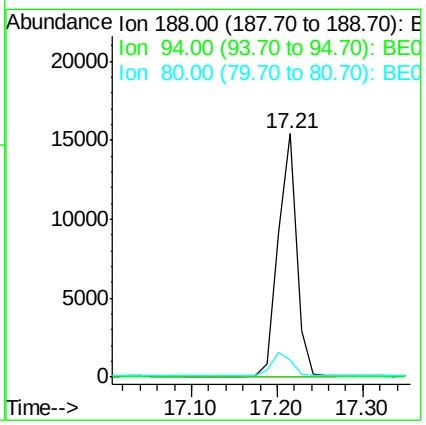


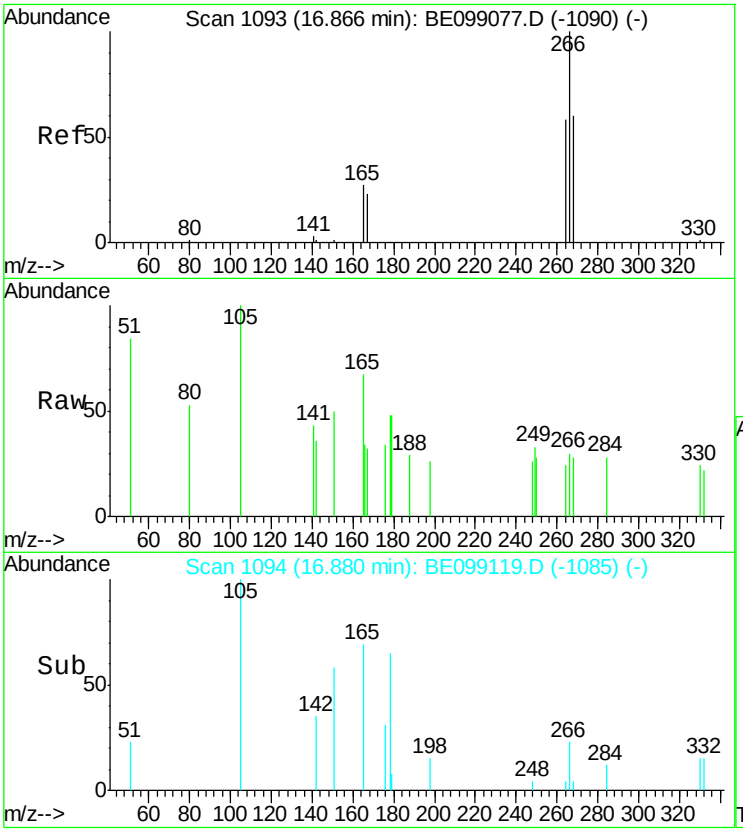


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:188 Resp: 22827

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	6.3	9.5



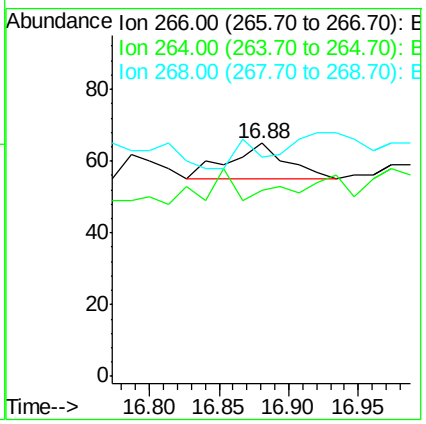


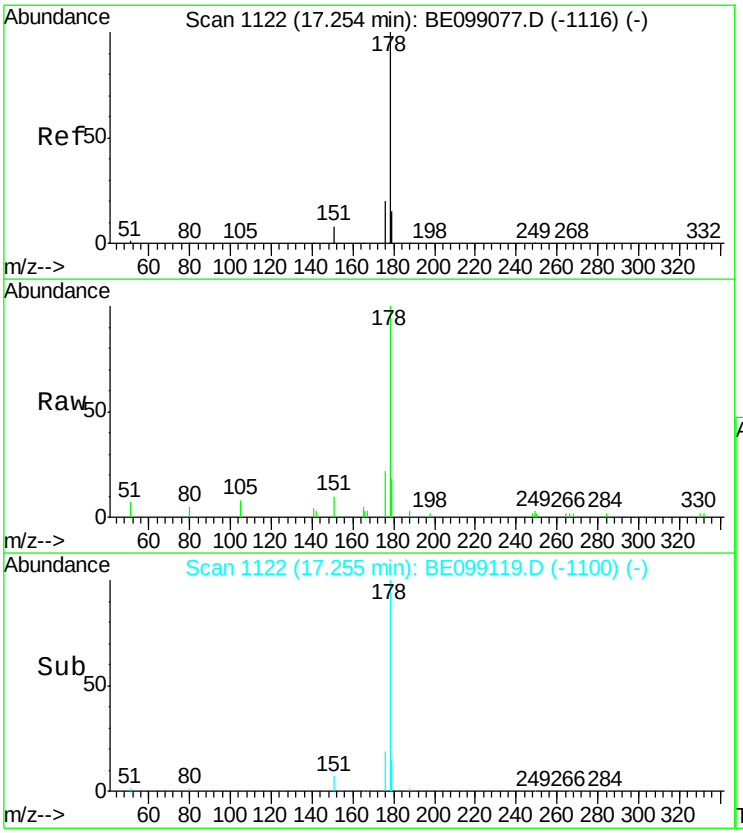
#22
Pentachlorophenol
Concen: 0.257 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
264	80.0	66.6	100.0
268	93.8	69.8	104.8

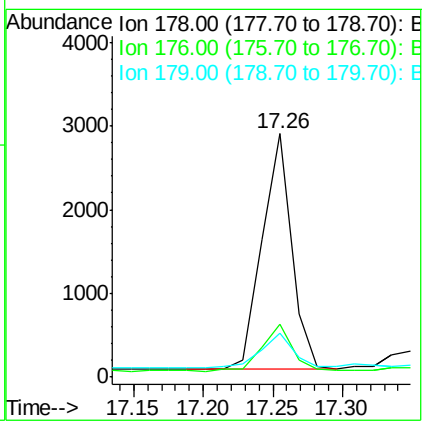


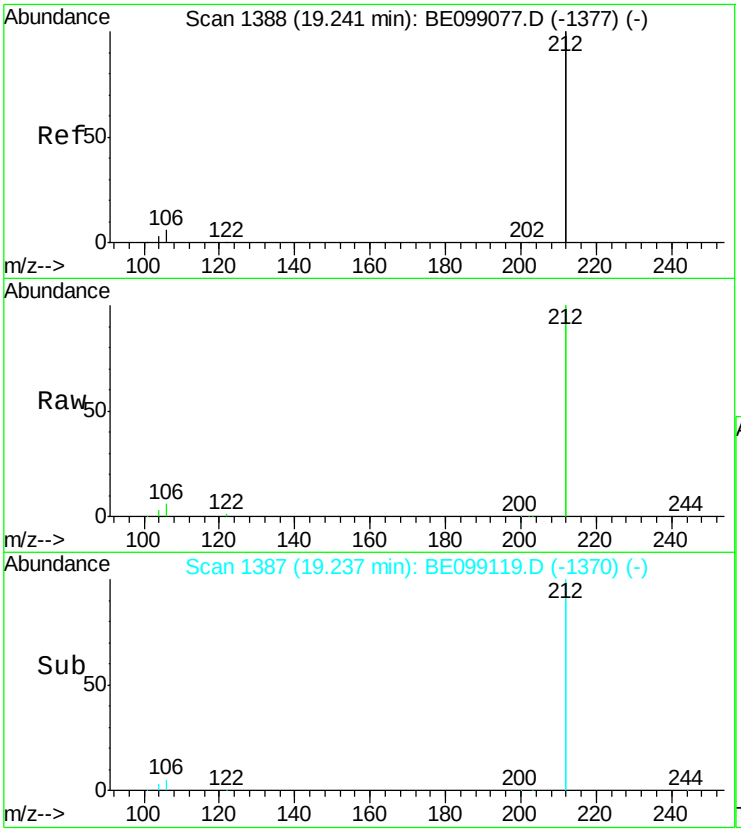


#23
Phenanthrene
Concen: 0.062 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:178 Resp: 4175

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	17.7	12.1	18.1



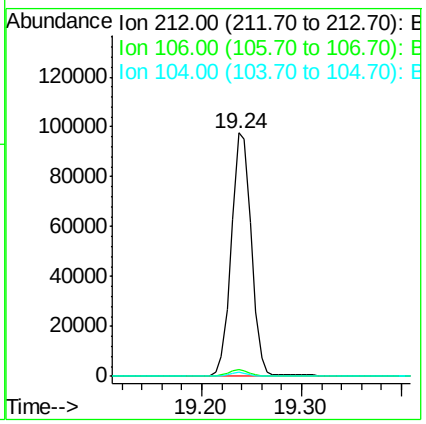


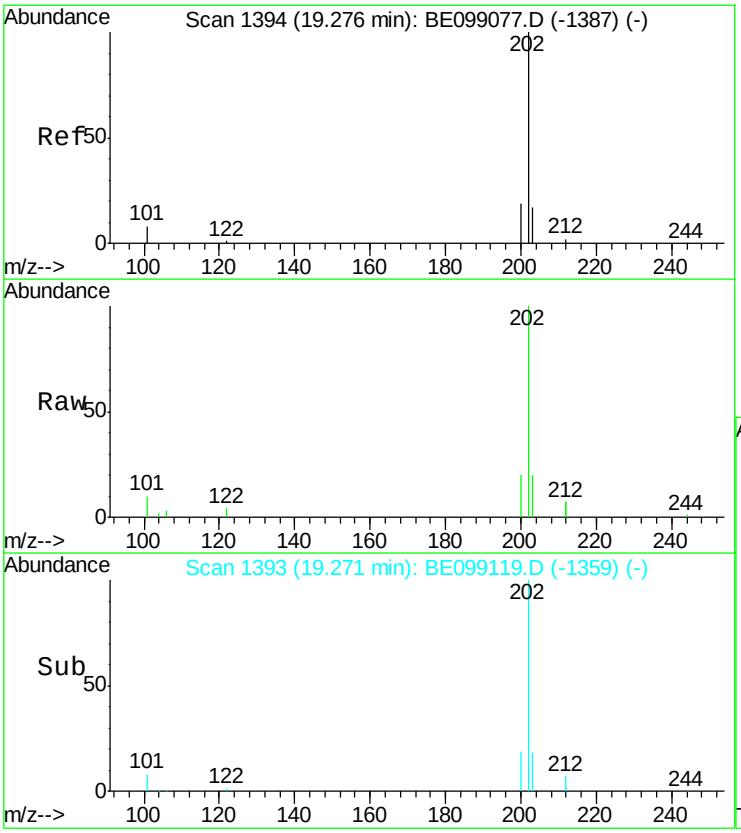
#25
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:212 Resp: 133961

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.0	1.6

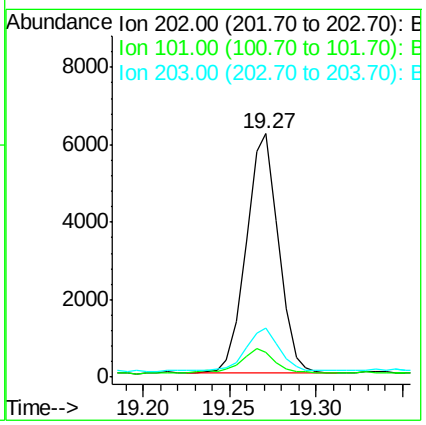


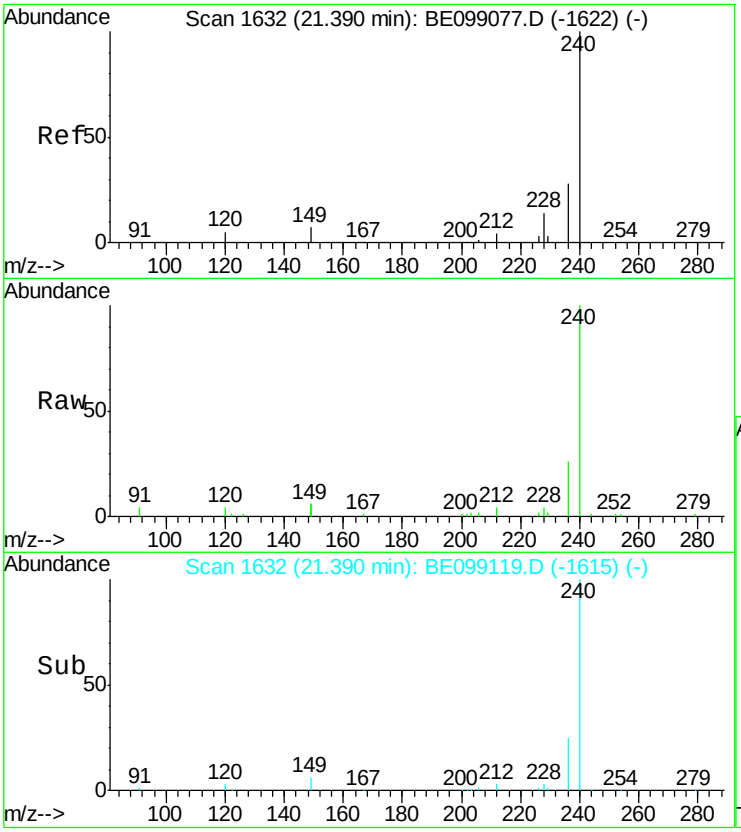


#26
Fluoranthene
Concen: 0.084 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:202 Resp: 7976

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.3	10.9#
203	19.2	13.4	20.2



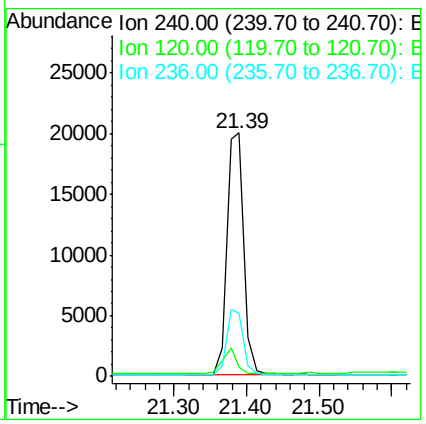


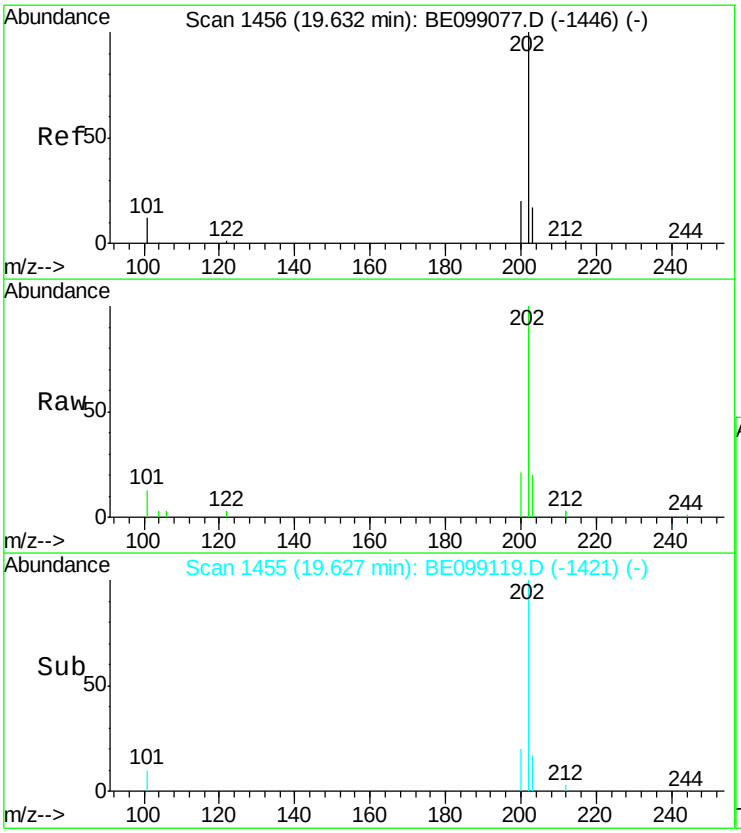
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:240 Resp: 33229

Ion	Ratio	Lower	Upper
240	100		
120	4.0	5.0	7.4#
236	25.9	22.7	34.1

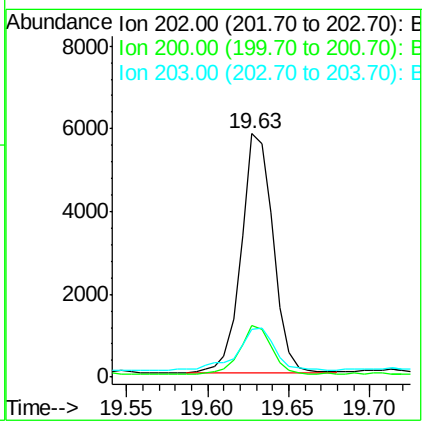


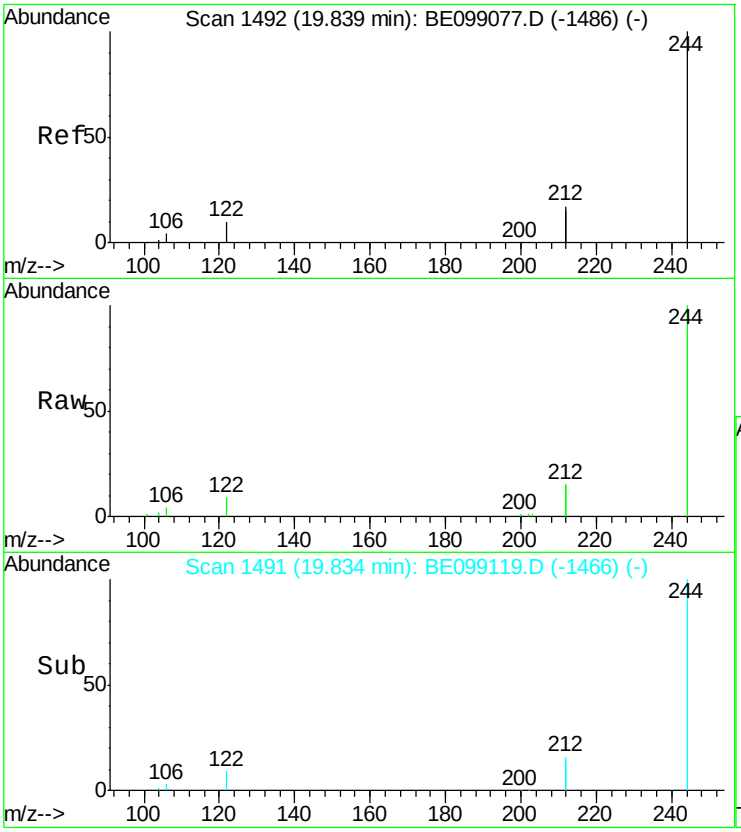


#28
Pyrene
Concen: 0.070 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:202 Resp: 7877

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	21.3	14.2	21.2#



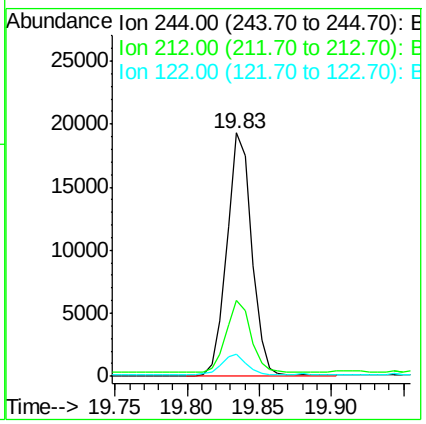


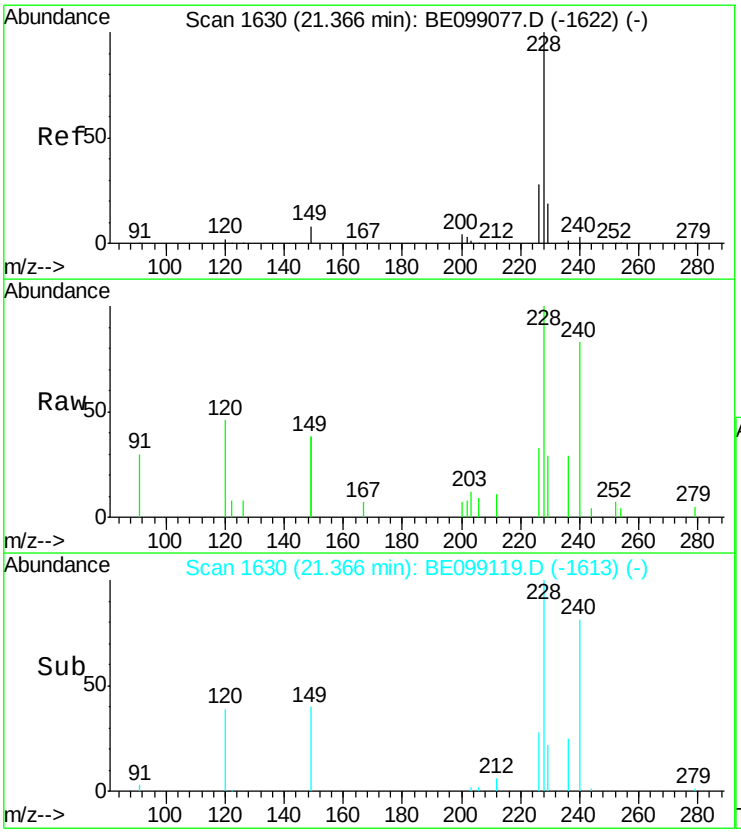
#29
Terphenyl-d14
Concen: 0.326 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:244 Resp: 22899

Ion	Ratio	Lower	Upper
244	100		
212	31.0	29.4	44.2
122	9.3	7.1	10.7

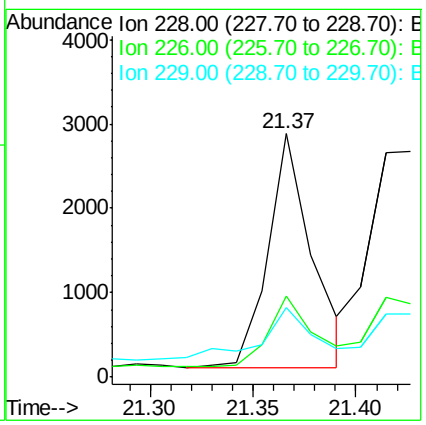


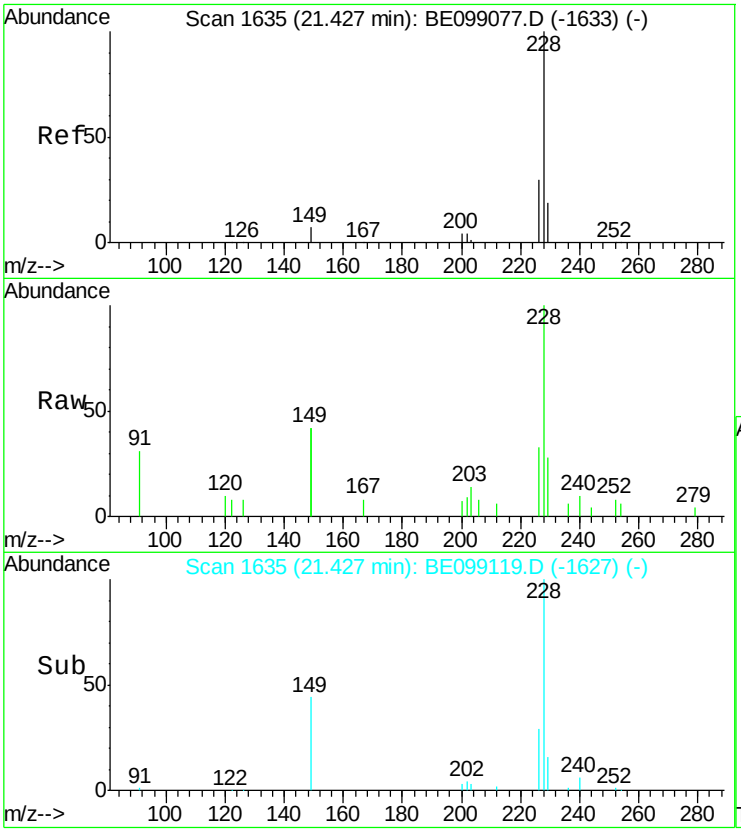


#30
Benzo(a)anthracene
Concen: 0.035 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:228 Resp: 4147

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.0	34.4
229	28.8	16.5	24.7#



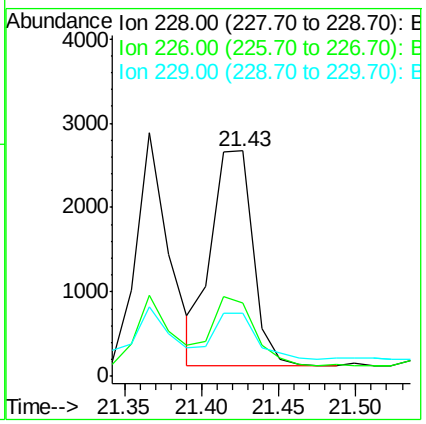


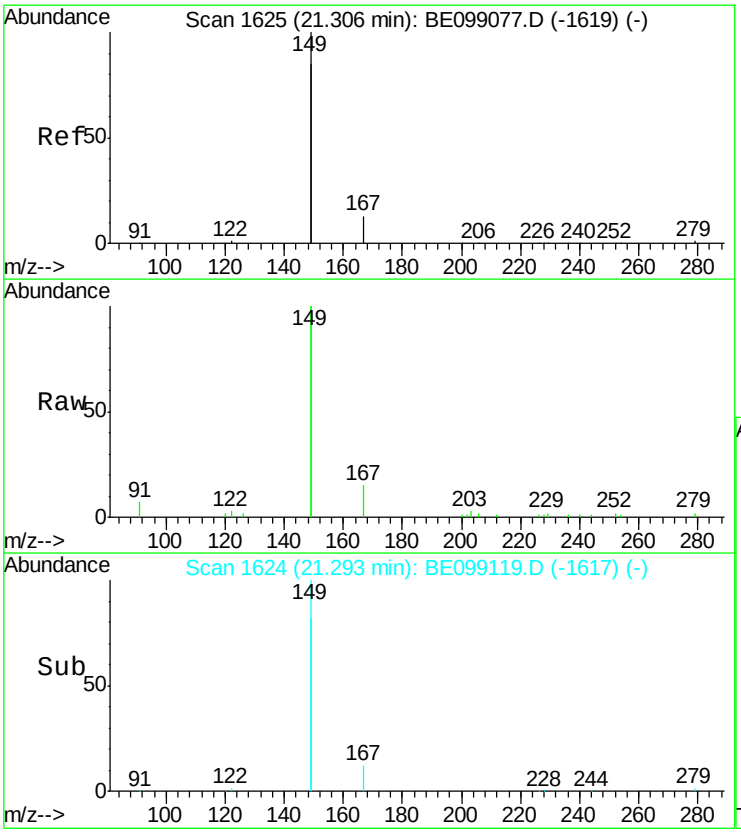
#31
Chrysene
Concen: 0.041 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:228 Resp: 4744

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.7	35.5
229	28.2	16.1	24.1#

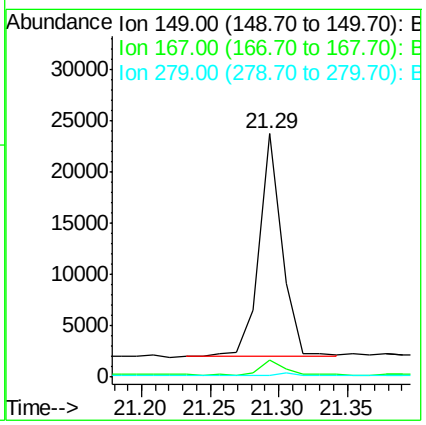


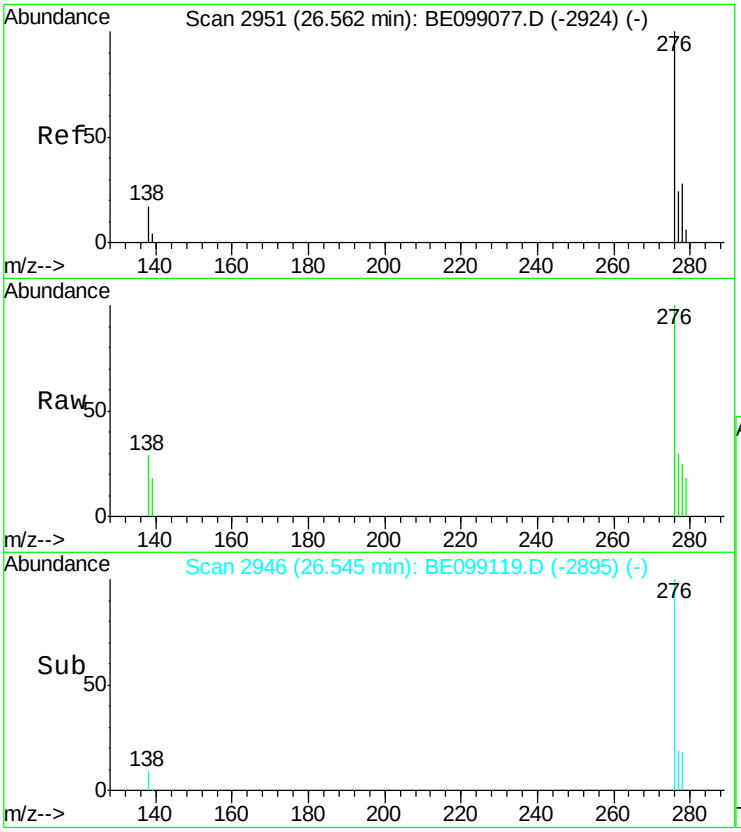


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.166 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:149 Resp: 25181

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.4	8.0
279	1.5	1.0	1.4#



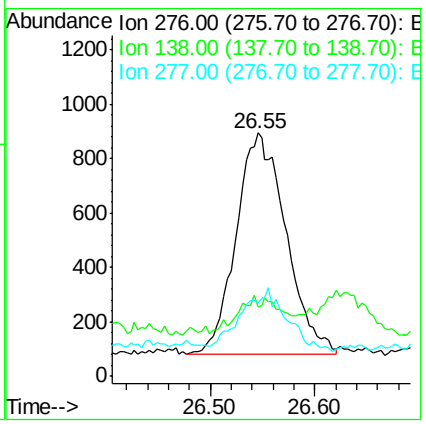


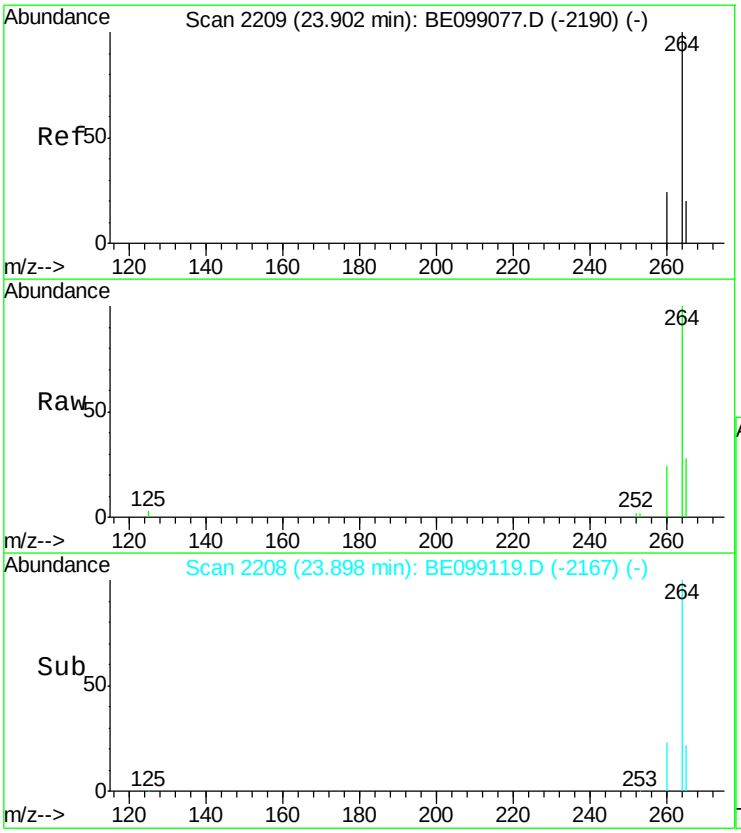
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 26.55 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:276 Resp: 2667

Ion	Ratio	Lower	Upper
276	100		
138	8.0	13.8	20.8#
277	26.7	19.5	29.3

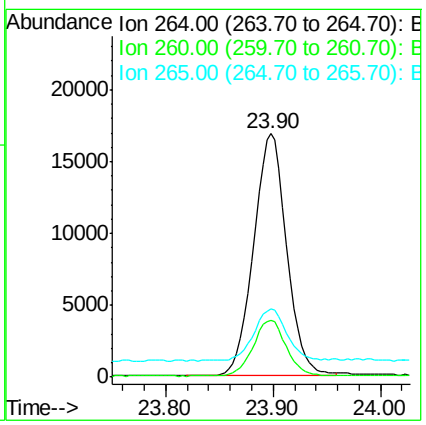


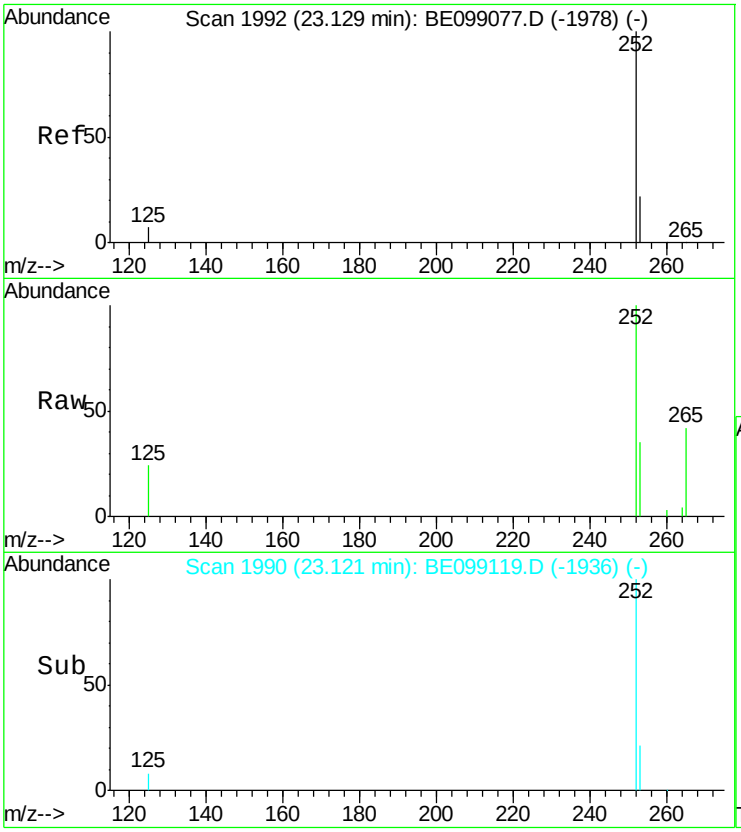


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:264 Resp: 35786

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.2	31.8
265	28.1	24.6	36.8



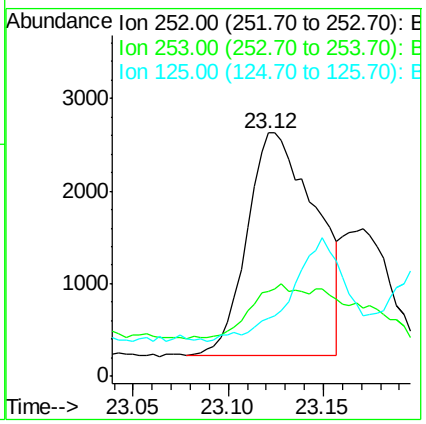


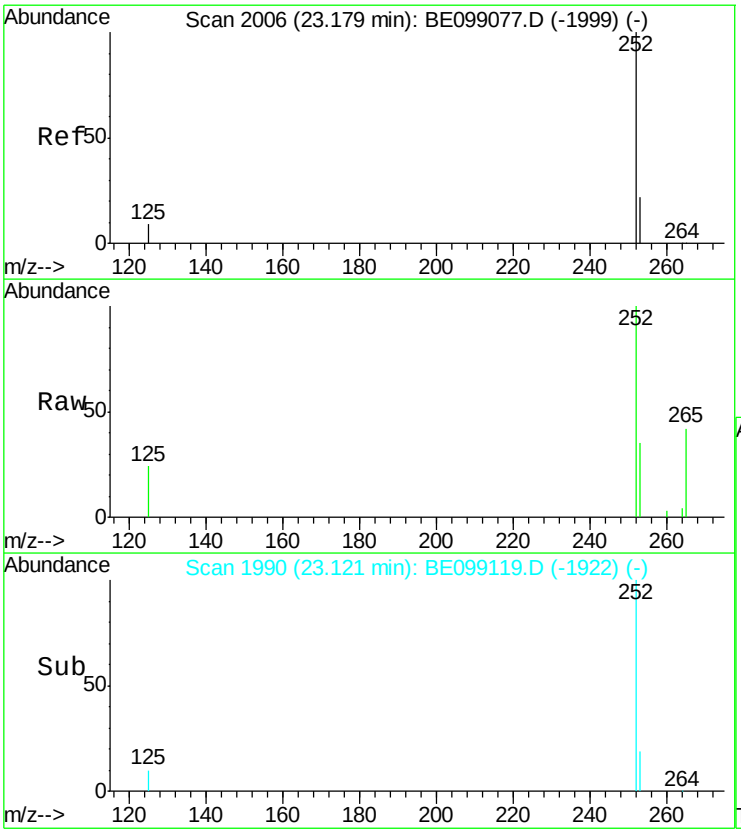
#35
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:252 Resp: 5993

Ion	Ratio	Lower	Upper
252	100		
253	35.0	18.2	27.2#
125	24.0	7.3	10.9#

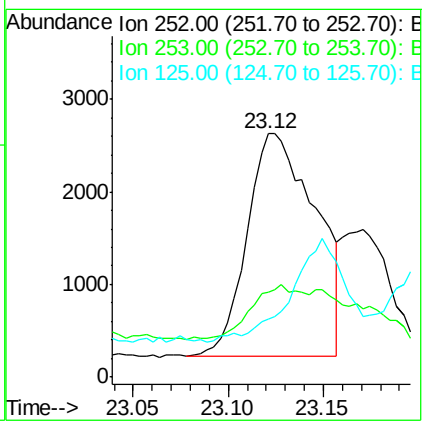


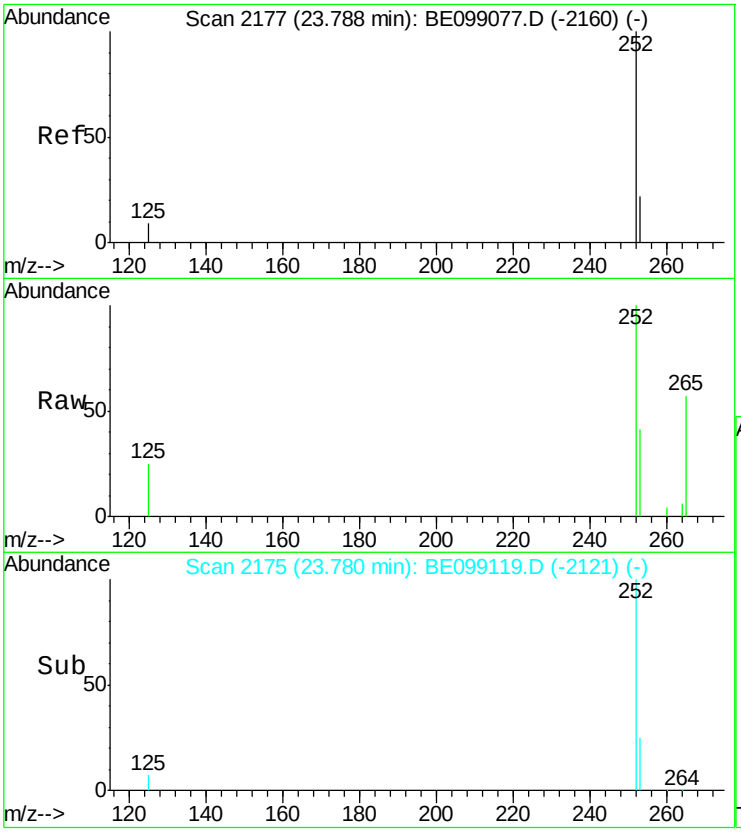


#36
Benzo(k)fluoranthene
Concen: 0.049 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.06 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:252 Resp: 5993

Ion	Ratio	Lower	Upper
252	100		
253	35.0	19.3	28.9#
125	24.0	7.5	11.3#



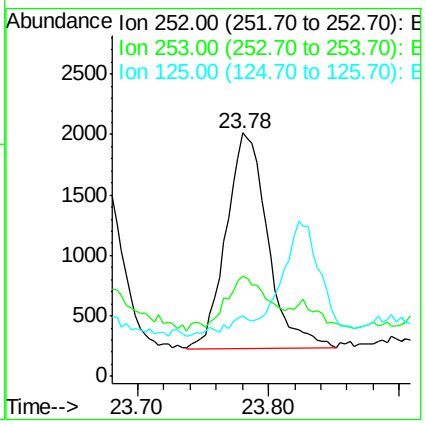


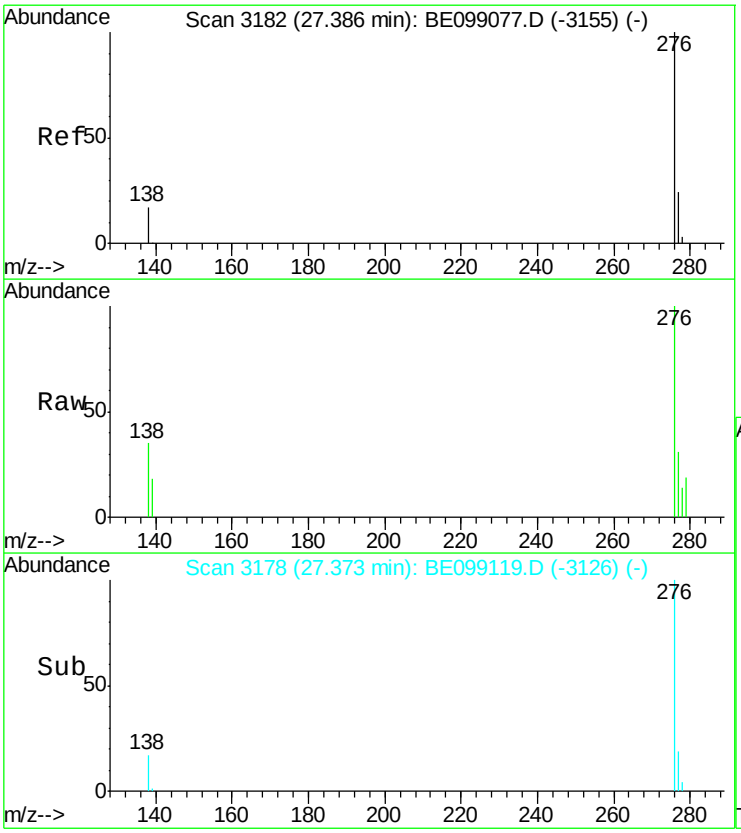
#37
Benzo(a)pyrene
Concen: 0.034 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Instrument :
BNA_E
ClientSampleId :
PST-026-SW077-031919

Tgt Ion:252 Resp: 3930

Ion	Ratio	Lower	Upper
252	100		
253	41.5	19.9	29.9#
125	25.0	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE099119.D
Acq: 23 Mar 2019 19:32

Tgt Ion:276 Resp: 2687

Ion	Ratio	Lower	Upper
276	100		
277	31.1	20.4	30.6#
138	35.4	13.6	20.4#