Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050319\
Data File : BE099535.D
Acq On : 3 May 2019 18:19
Operator : JU/SJ
Sample : K2587-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-003-B172-042319

Quant Time: May 03 23:36:55 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	7.82	152	2545	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	10084	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	7775	0.40	ng		0.01
19) Phenanthrene-d10	17.20	188	21330	0.40	ng		0.01
27) Chrysene-d12	21.38	240	25784	0.40	ng		0.01
34) Perylene-d12	23.89	264	29925	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2727	0.39	ng		0.00
5) Phenol-d6	6.98	99	4054	0.43	ng		0.00
8) Nitrobenzene-d5	8.96	82	3576	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	6380	0.35	ng		0.01
14) 2,4,6-Tribromophenol	15.94	330	1966	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	9684	0.33	ng		0.00
25) Fluoranthene-d10	19.23	212	80359	0.28	ng		0.01
29) Terphenyl-d14	19.82	244	17055	0.36	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.65	128	7840	0.071	ng	#	97
12) 2-Methylnaphthalene	12.28	142	1362	0.071	ng		97
16) Acenaphthylene	14.18	152	9988	0.263	ng	#	96
17) Acenaphthene	14.53	154	1158	0.053	ng		89
18) Fluorene	15.50	166	2910	0.091	ng	#	92
22) Pentachlorophenol	16.85	266	112	0.232	ng	#	52
23) Phenanthrene	17.24	178	71075	1.291	ng		99
24) Anthracene	17.34	178	8855	0.169	ng	#	96
26) Fluoranthene	19.26	202	163998	1.989	ng		99
28) Pyrene	19.62	202	183272	2.727	ng	#	96
30) Benzo(a)anthracene	21.35	228	104989	1.278	ng		92
31) Chrysene	21.41	228	115599	1.438	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.27	149	20170	0.102	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.54	276	55655	0.586	ng	#	95
35) Benzo(b)fluoranthene	23.11	252	131682	1.526	ng	#	88
36) Benzo(k)fluoranthene	23.11	252	131682	1.583	ng	#	88
37) Benzo(a)pyrene	23.77	252	92033	1.128	ng	#	91
38) Dibenzo(a,h)anthracene	26.56	278	14293	0.171	ng	#	30
39) Benzo(g,h,i)perylene	27.37	276	55691	0.666	ng	#	83

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
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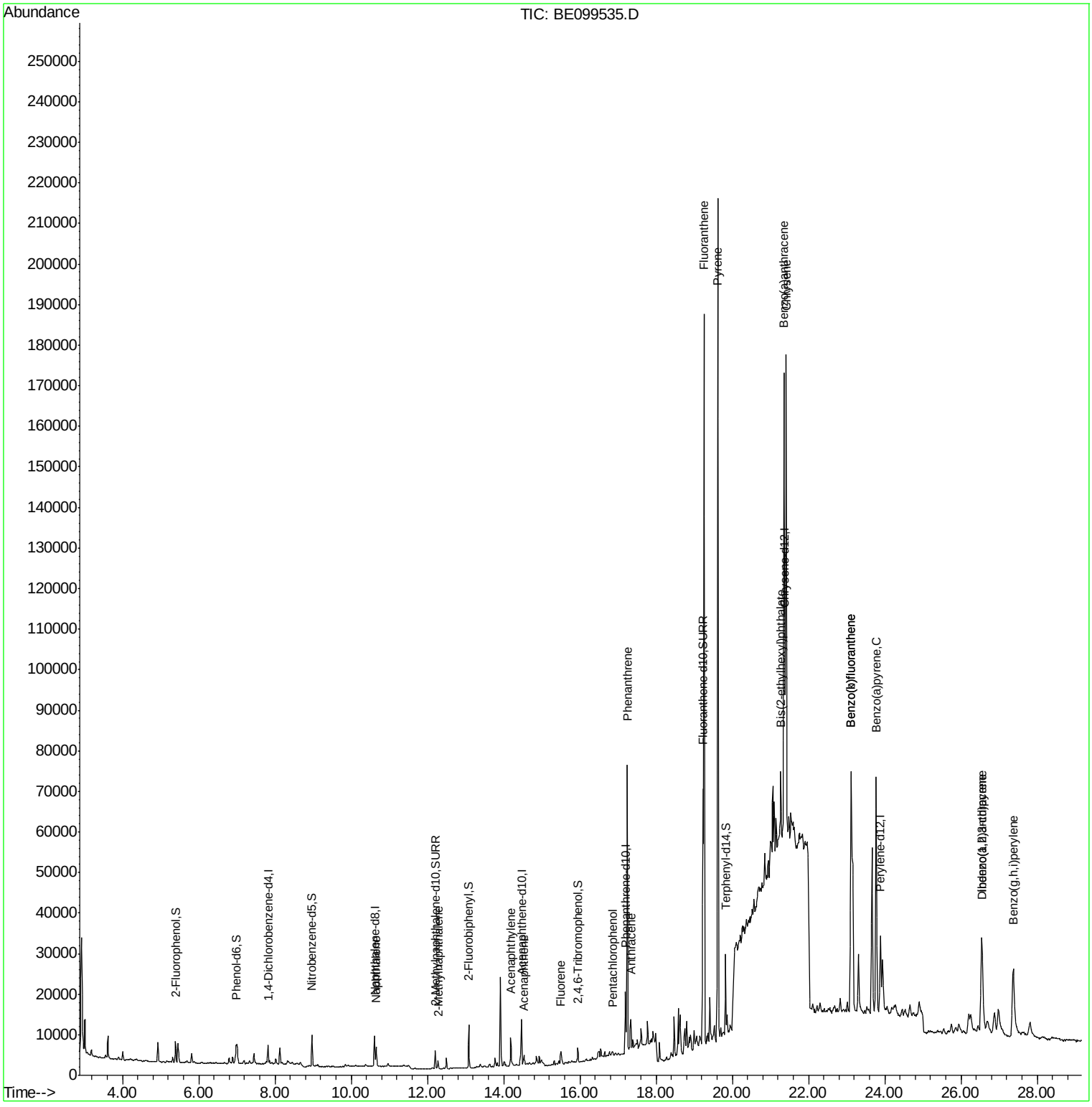
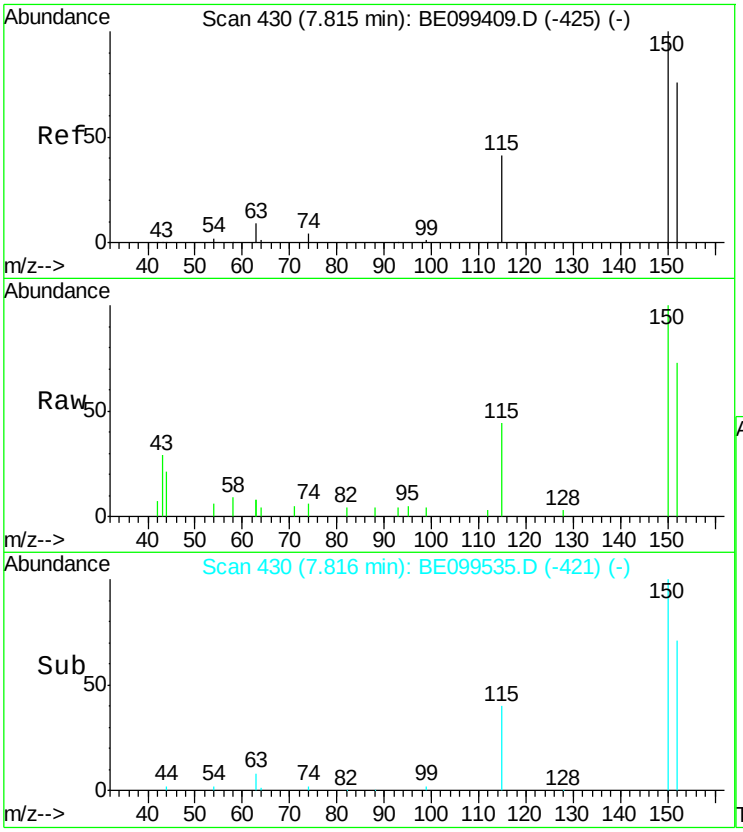


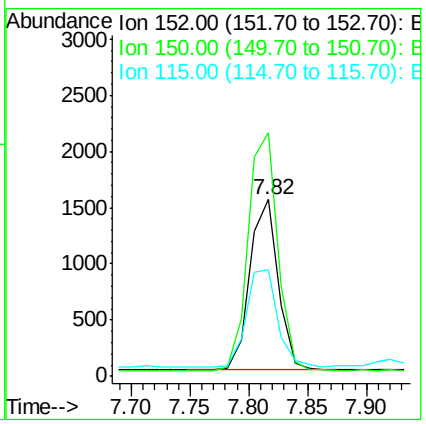


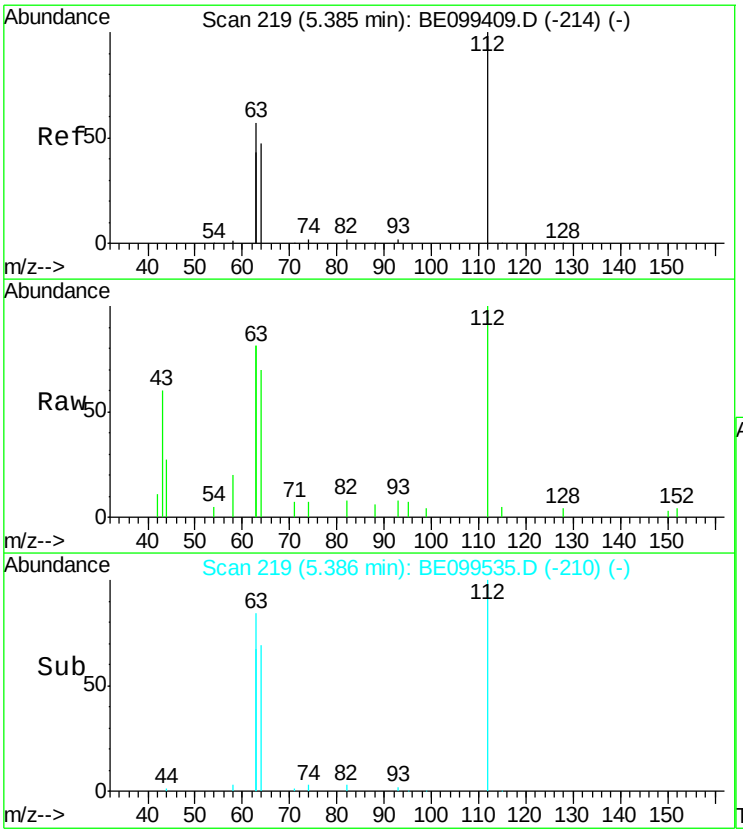
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:152 Resp: 2545

Ion	Ratio	Lower	Upper
152	100		
150	137.8	104.8	157.2
115	60.6	46.6	69.8

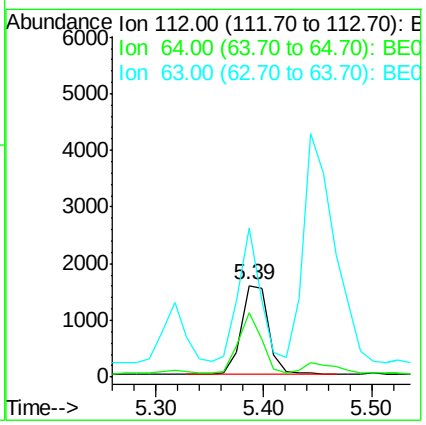


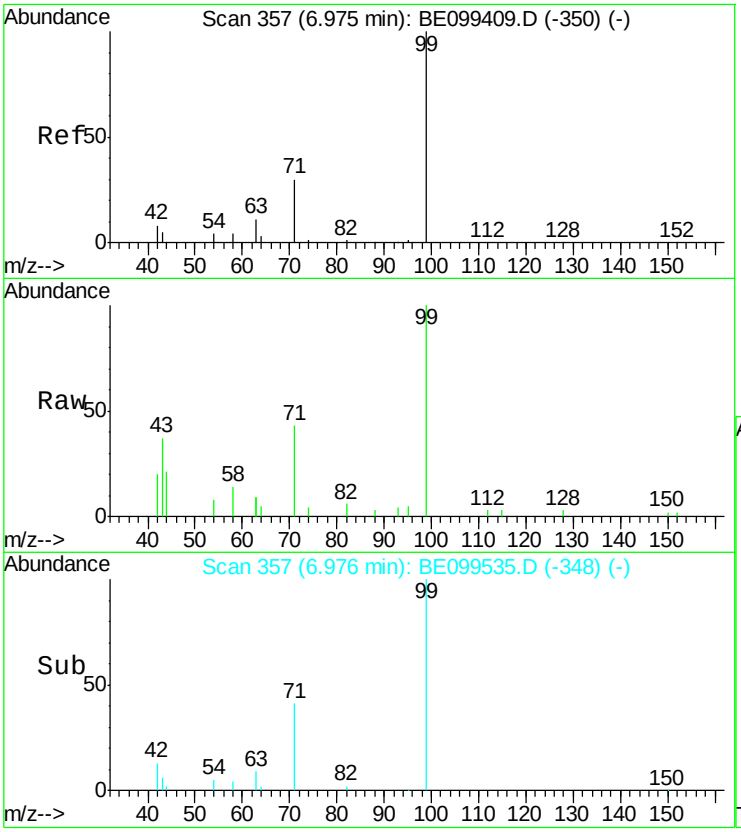


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:112 Resp: 2727

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.4	71.0
63	123.3	104.3	156.5



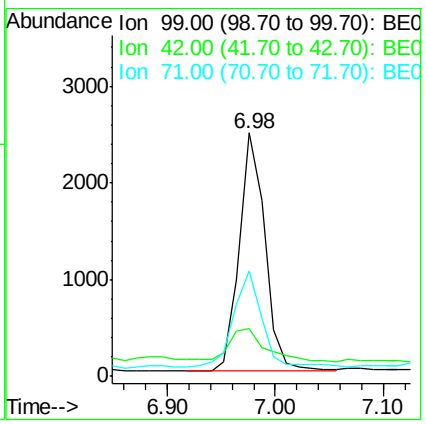


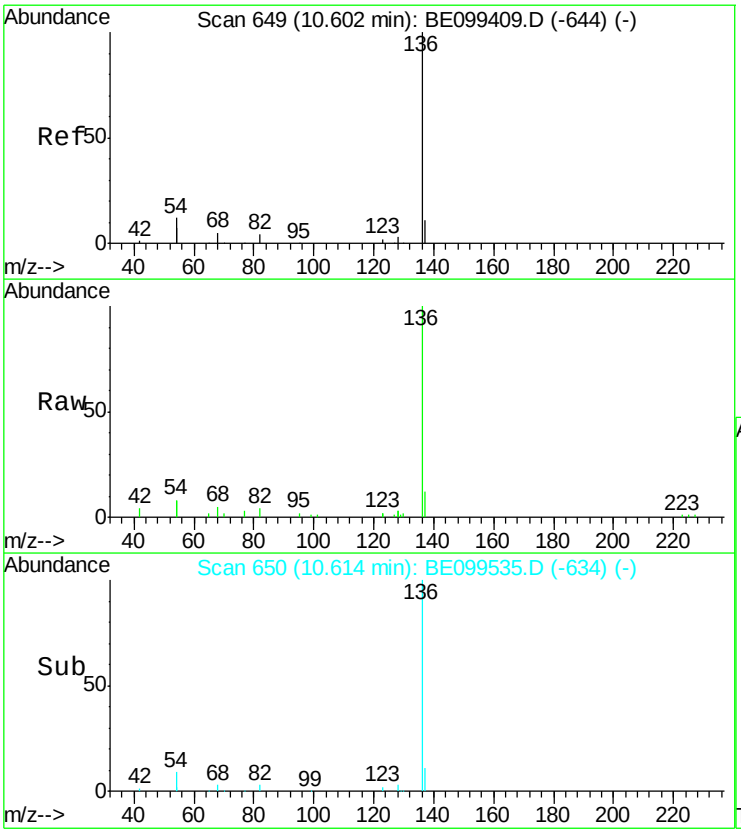
#5
Phenol-d6
Concen: 0.433 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion: 99 Resp: 4054

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.9	22.3
71	44.9	33.0	49.6

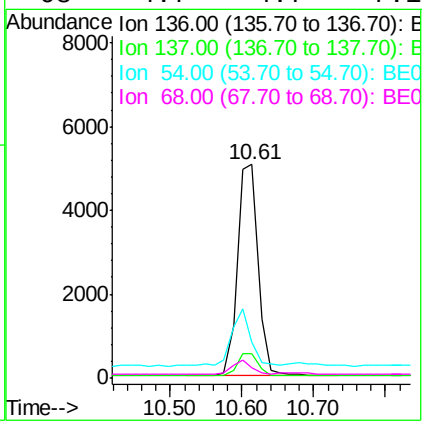


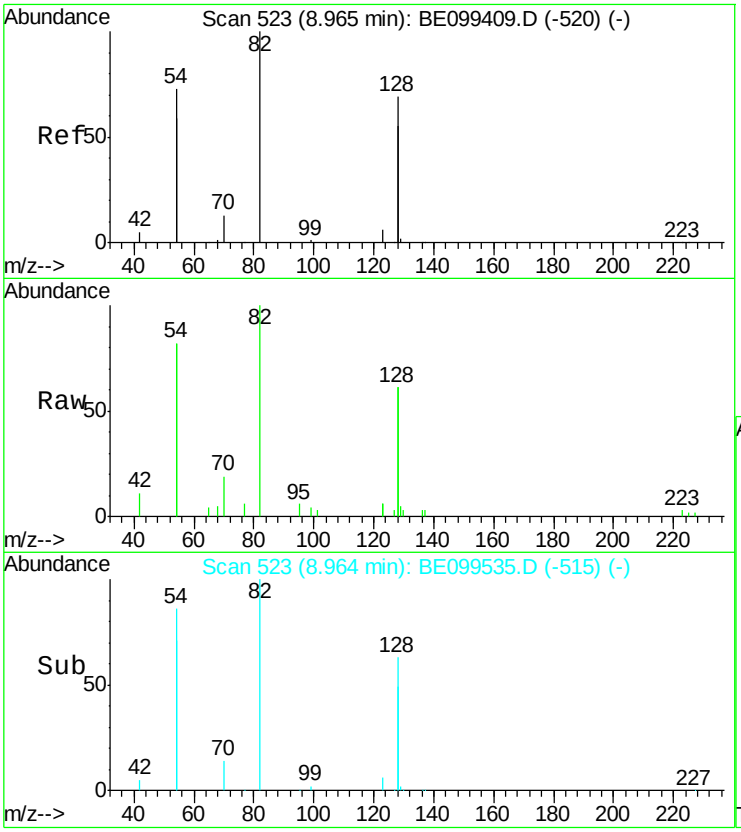


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:136 Resp: 10084

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.8
54	16.9	18.5	27.7#
68	4.7	4.7	7.1



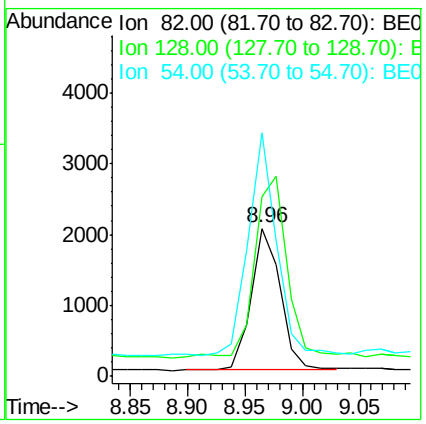


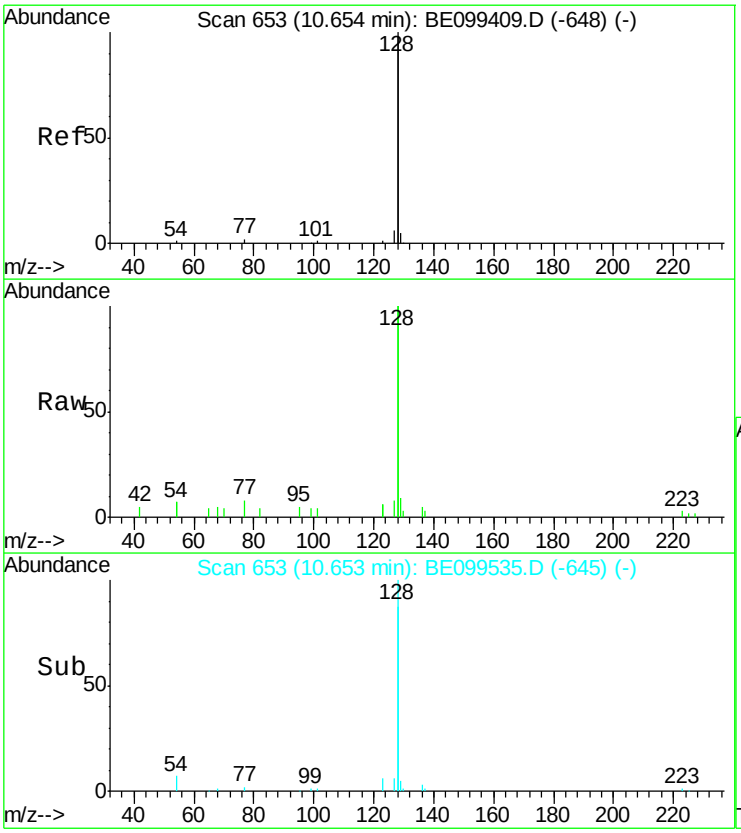
#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion: 82 Resp: 3576

Ion	Ratio	Lower	Upper
82	100		
128	121.1	107.0	160.4
54	164.4	113.1	169.7

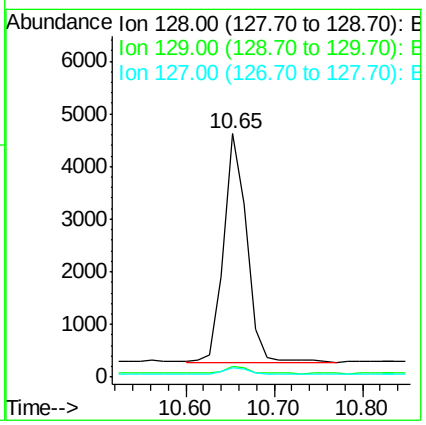


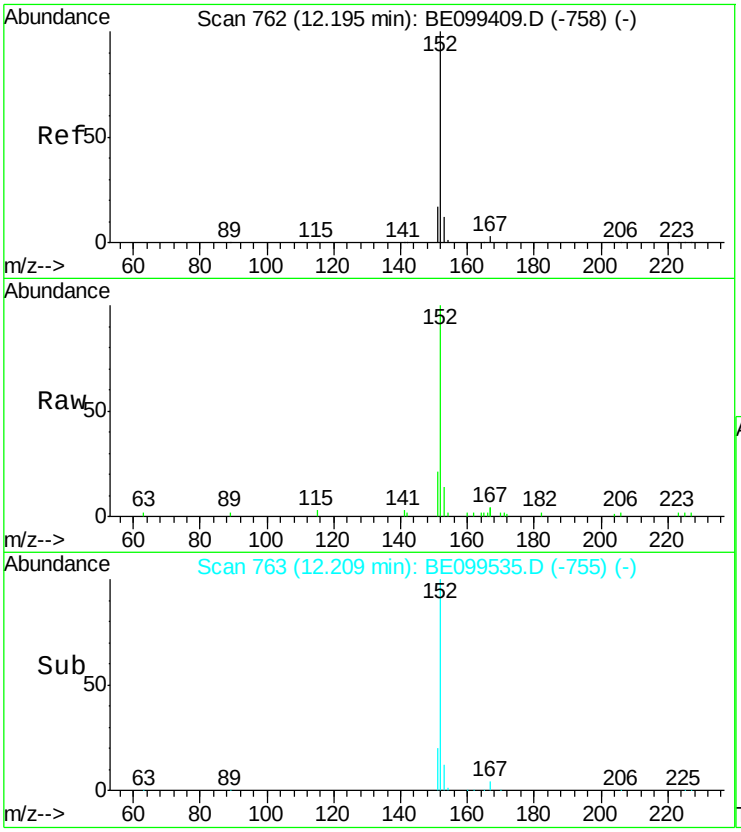


#9
Naphthalene
Concen: 0.071 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:128 Resp: 7840

Ion	Ratio	Lower	Upper
128	100		
129	4.3	2.4	3.6#
127	4.1	2.8	4.2



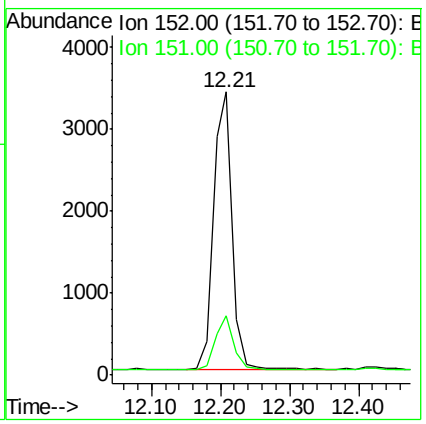


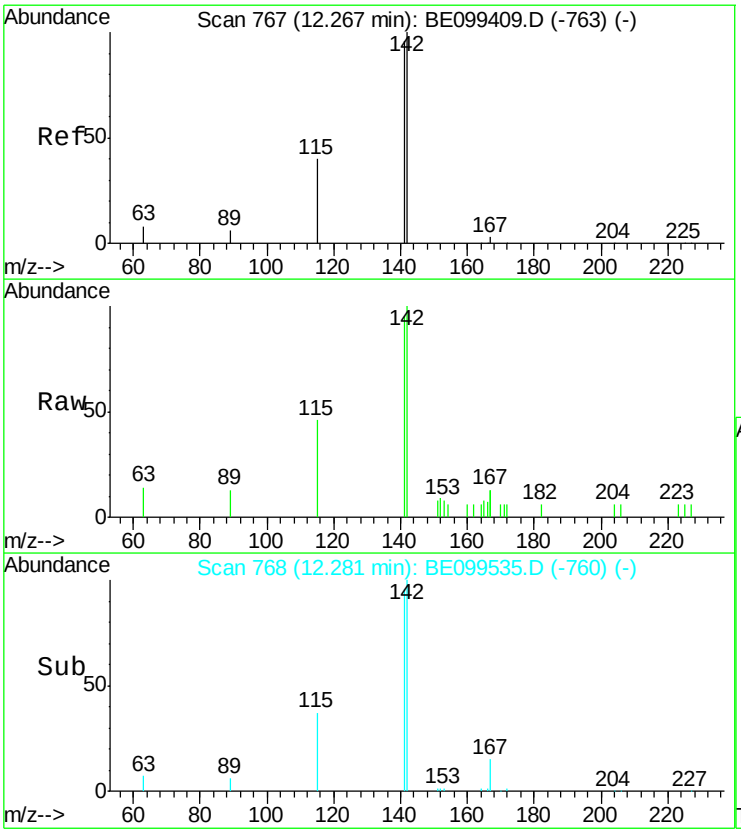
#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:152 Resp: 6380

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3

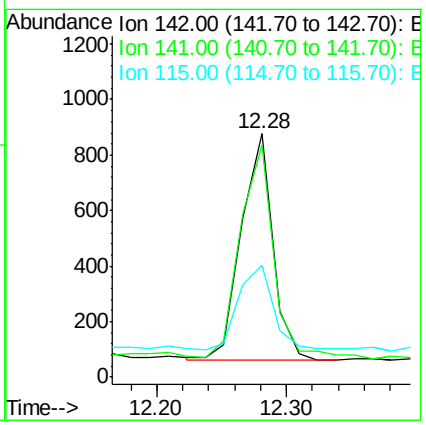


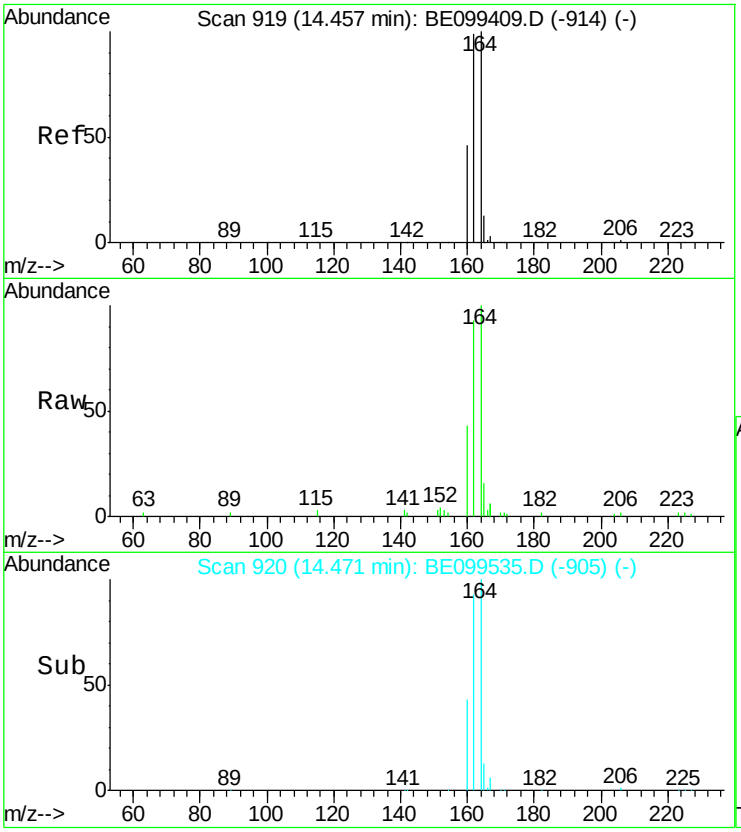


#12
2-Methylnaphthalene
Concen: 0.071 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:142 Resp: 1362

Ion	Ratio	Lower	Upper
142	100		
141	95.3	77.0	115.4
115	46.0	33.4	50.0



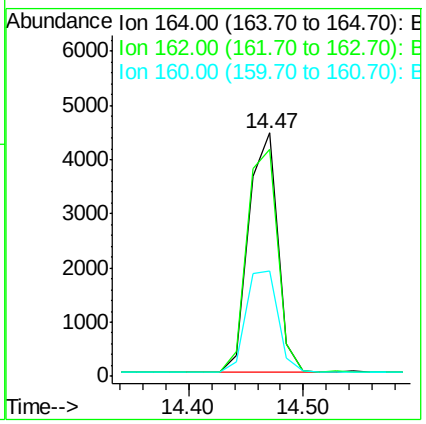


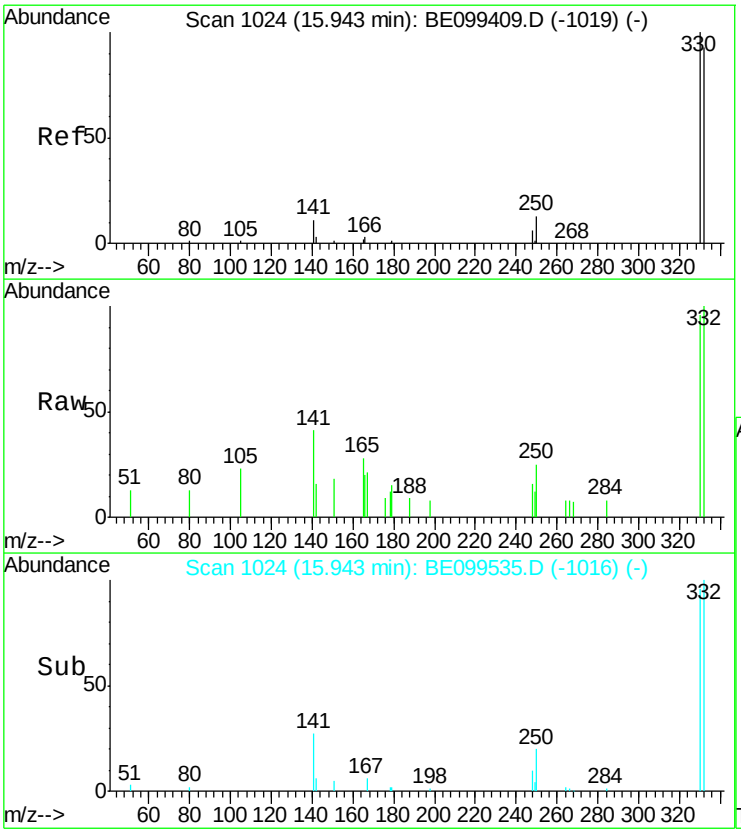
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:164 Resp: 7775

Ion	Ratio	Lower	Upper
164	100		
162	93.3	79.0	118.4
160	43.4	37.0	55.4

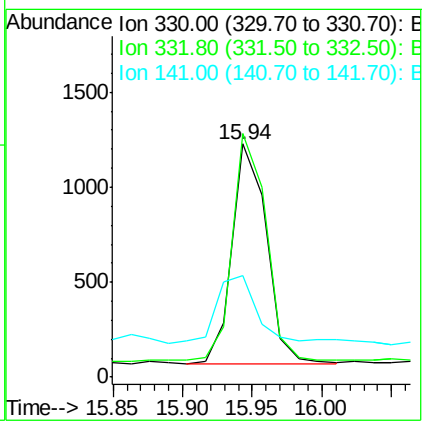


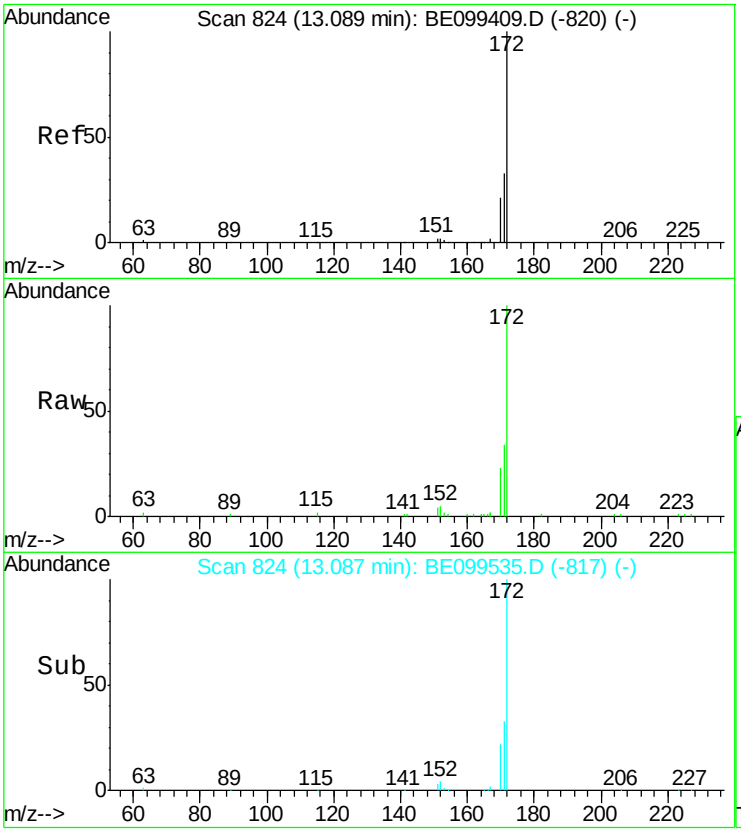


#14
2,4,6-Tribromophenol
Concen: 0.401 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:330 Resp: 1966

Ion	Ratio	Lower	Upper
330	100		
332	99.8	71.5	107.3
141	39.8	24.0	36.0#



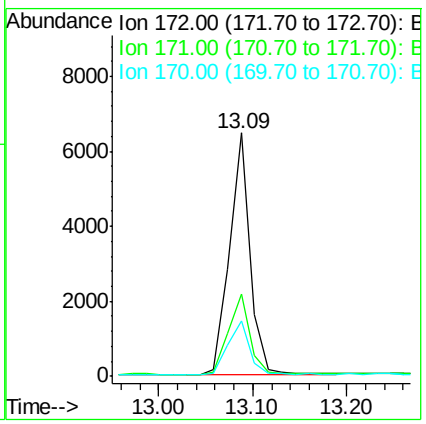


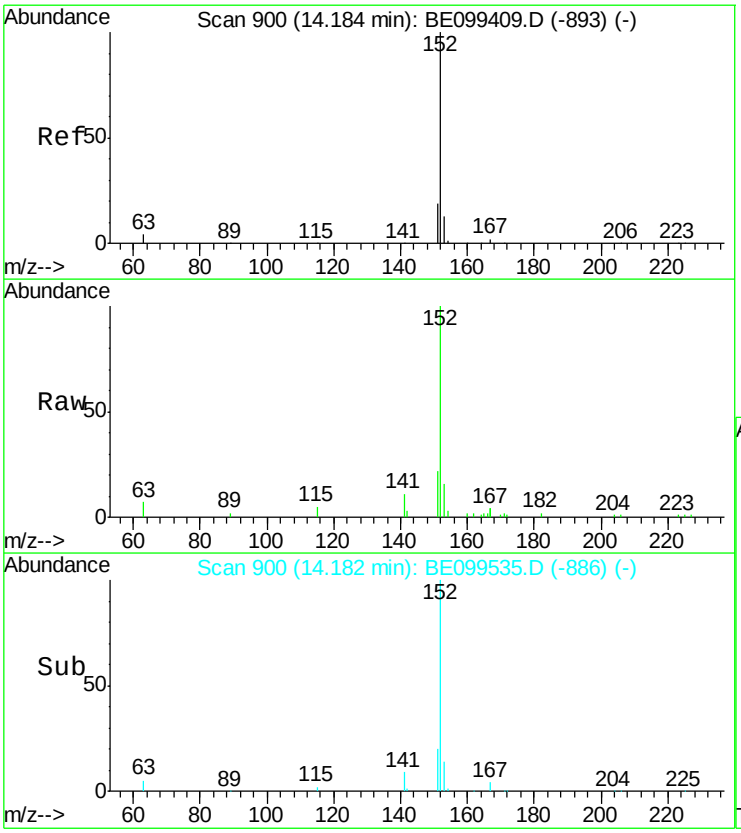
#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:172 Resp: 9684

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.6	39.8
170	22.9	17.0	25.6

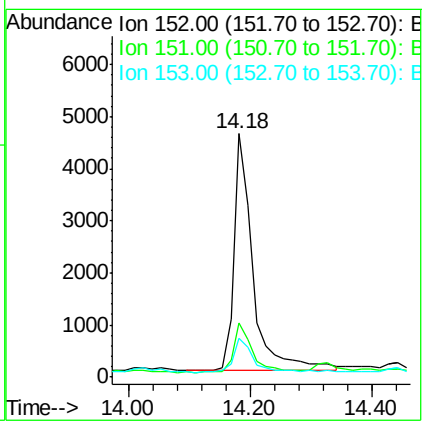


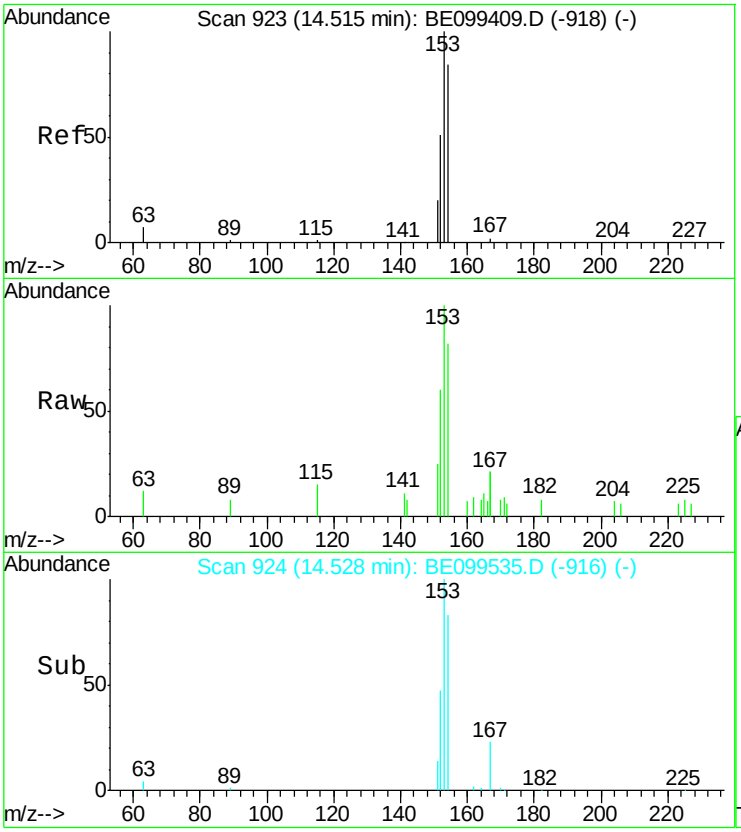


#16
Acenaphthylene
Concen: 0.263 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:152 Resp: 9988

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.4	23.2
153	15.4	9.8	14.6#



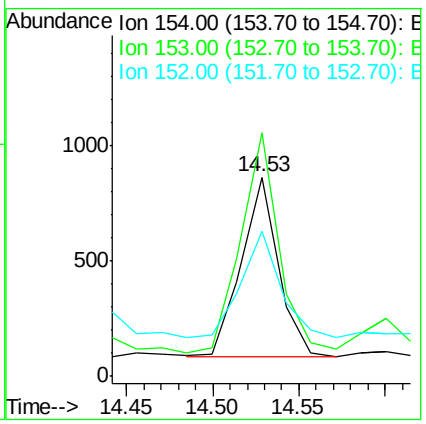


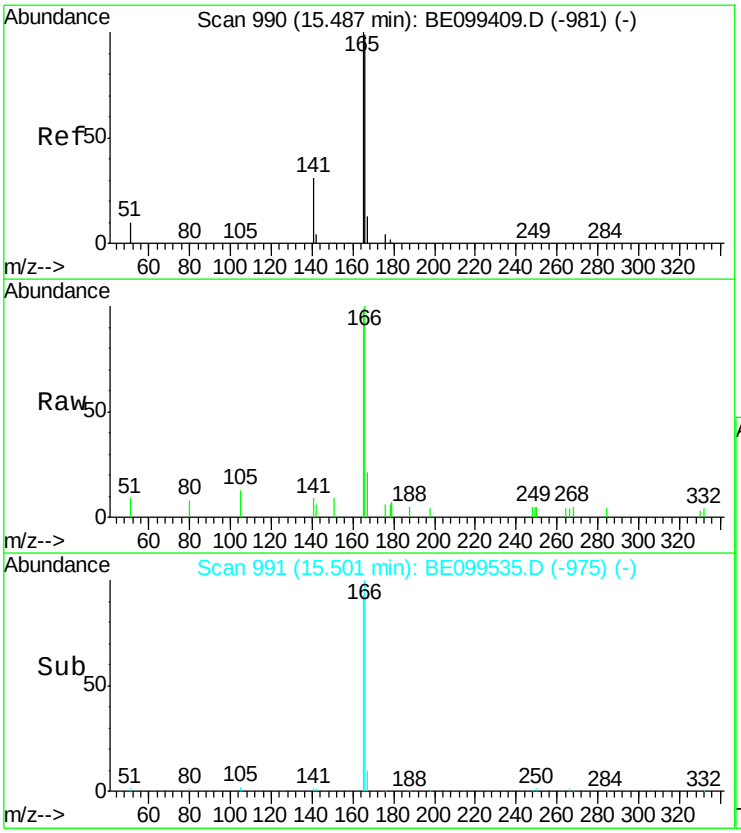
#17
Acenaphthene
Concen: 0.053 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:154 Resp: 1158

Ion	Ratio	Lower	Upper
154	100		
153	127.6	92.6	138.8
152	64.5	45.8	68.8

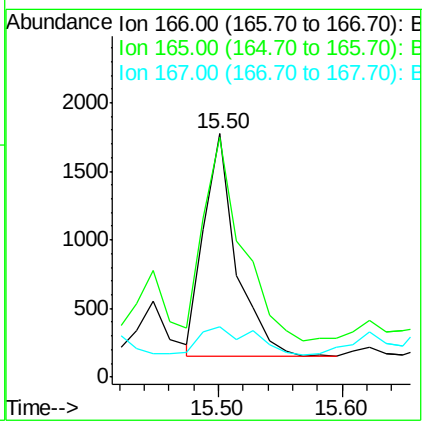


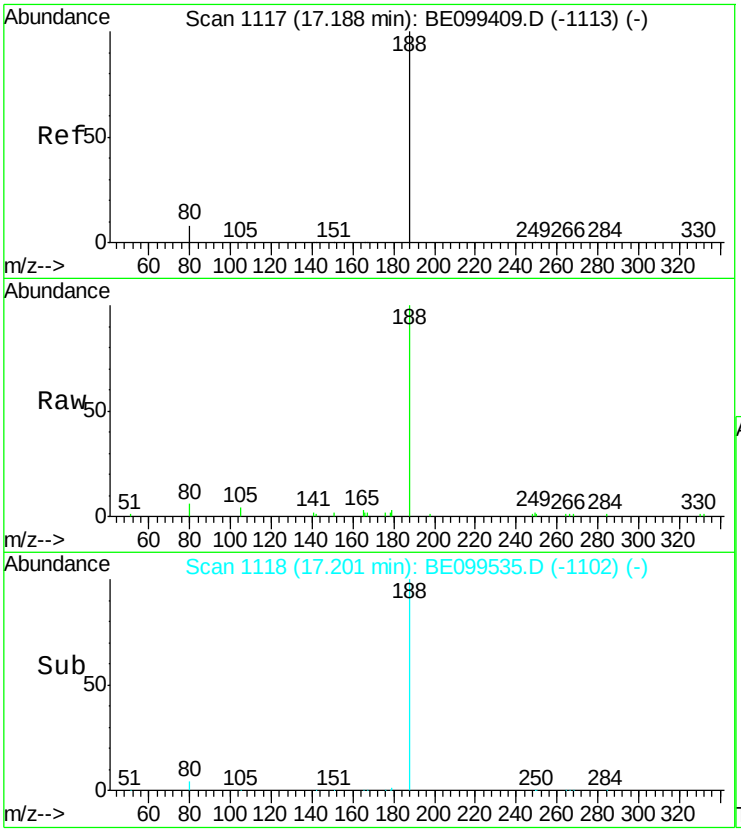


#18
Fluorene
Concen: 0.091 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:166 Resp: 2910

Ion	Ratio	Lower	Upper
166	100		
165	107.1	80.3	120.5
167	21.6	10.7	16.1#



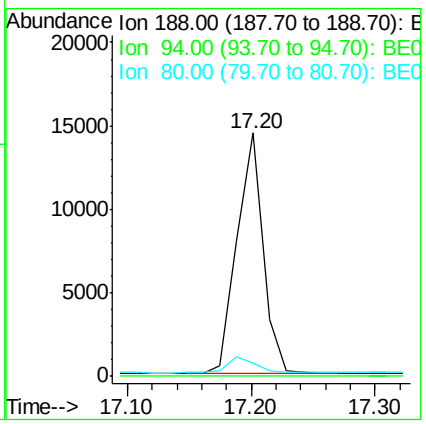


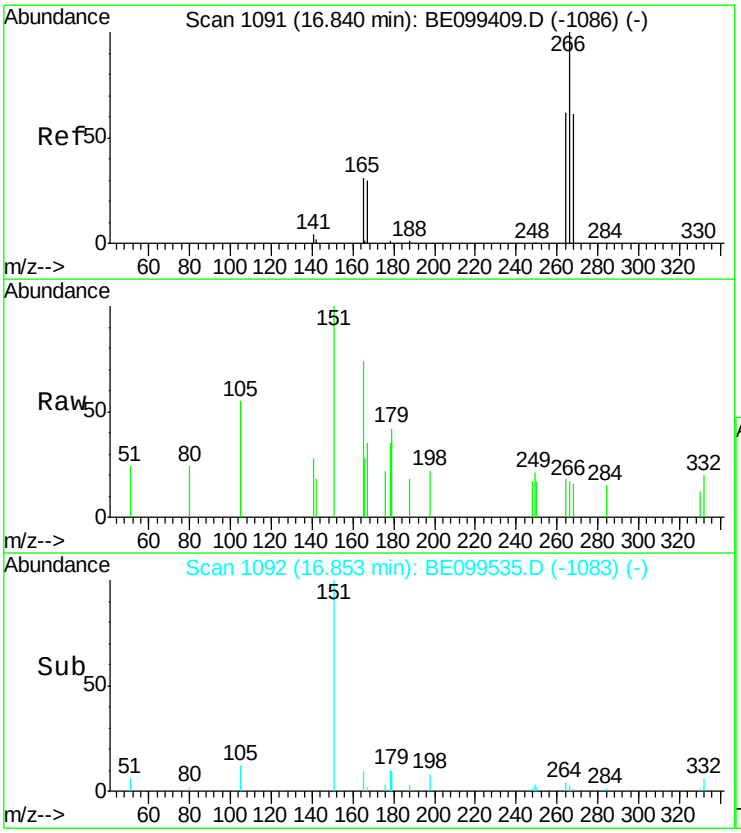
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:188 Resp: 21330

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.6	6.7	10.1#

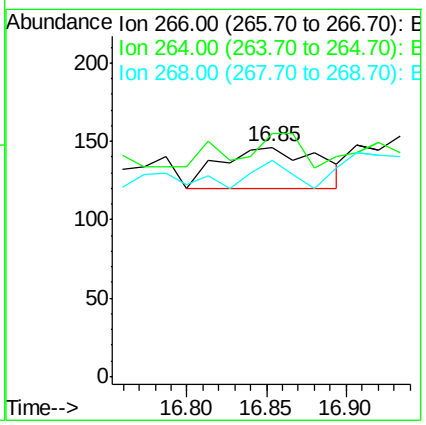


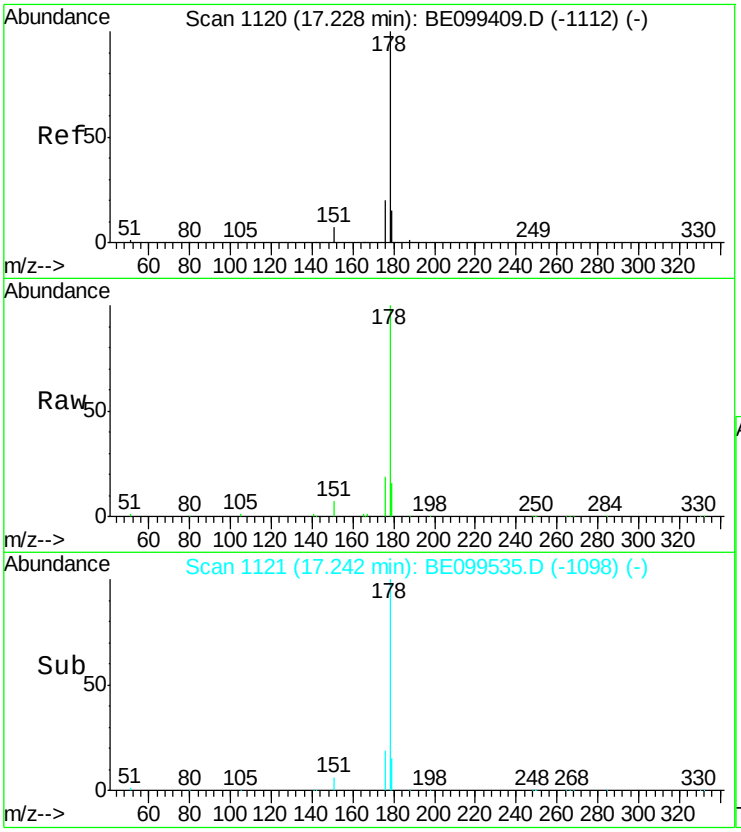


#22
Pentachlorophenol
Concen: 0.232 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:266 Resp: 112

Ion	Ratio	Lower	Upper
266	100		
264	106.2	50.8	76.2#
268	94.5	50.5	75.7#



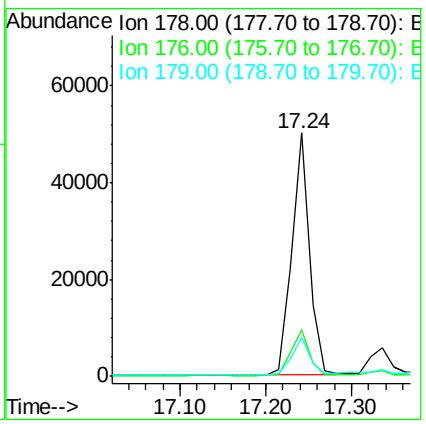


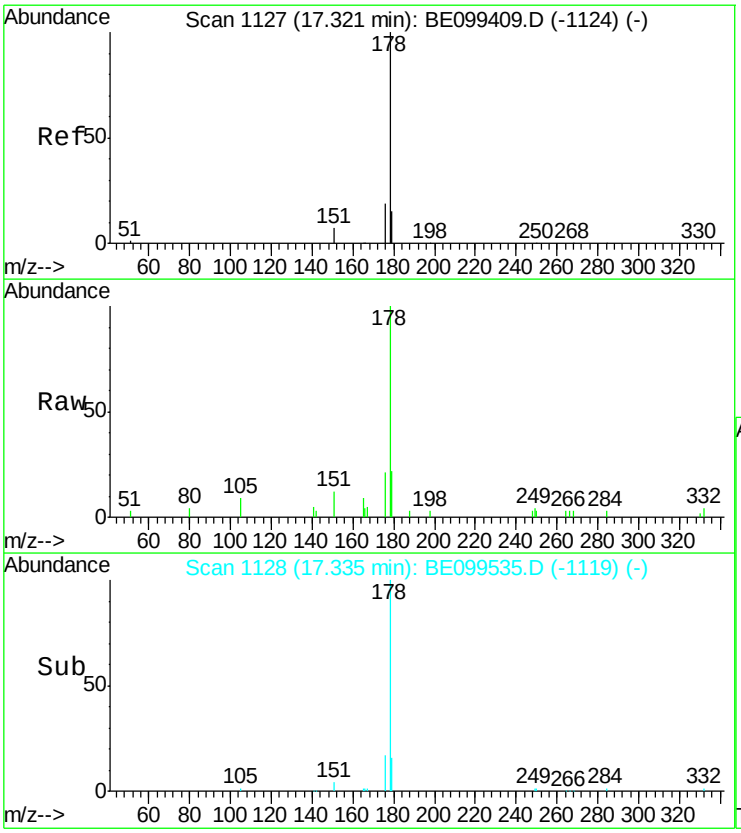
#23
Phenanthrene
Concen: 1.291 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:178 Resp: 71075

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.0	18.0

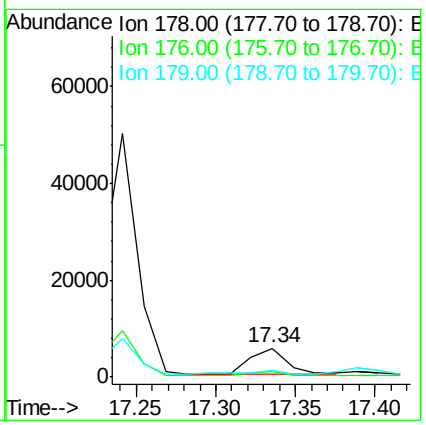


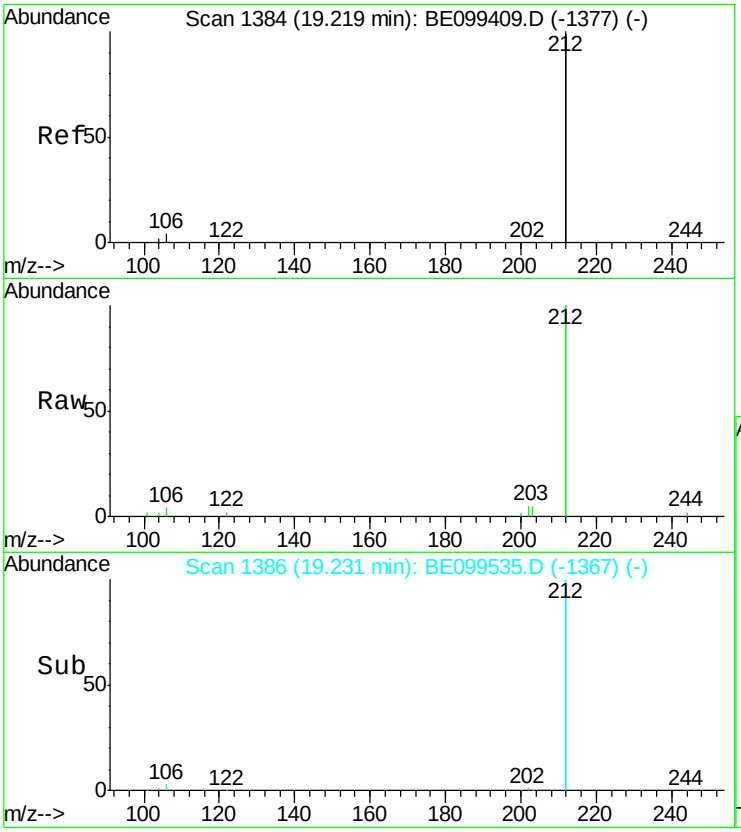


#24
Anthracene
Concen: 0.169 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:178 Resp: 8855

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	18.8	11.9	17.9#



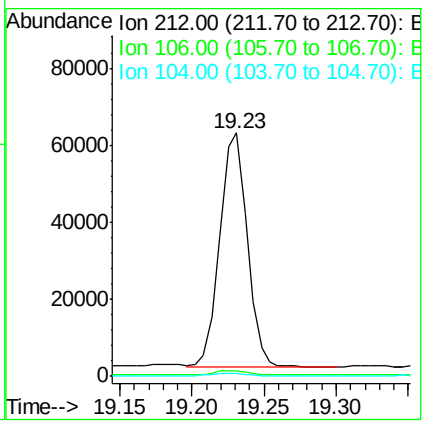


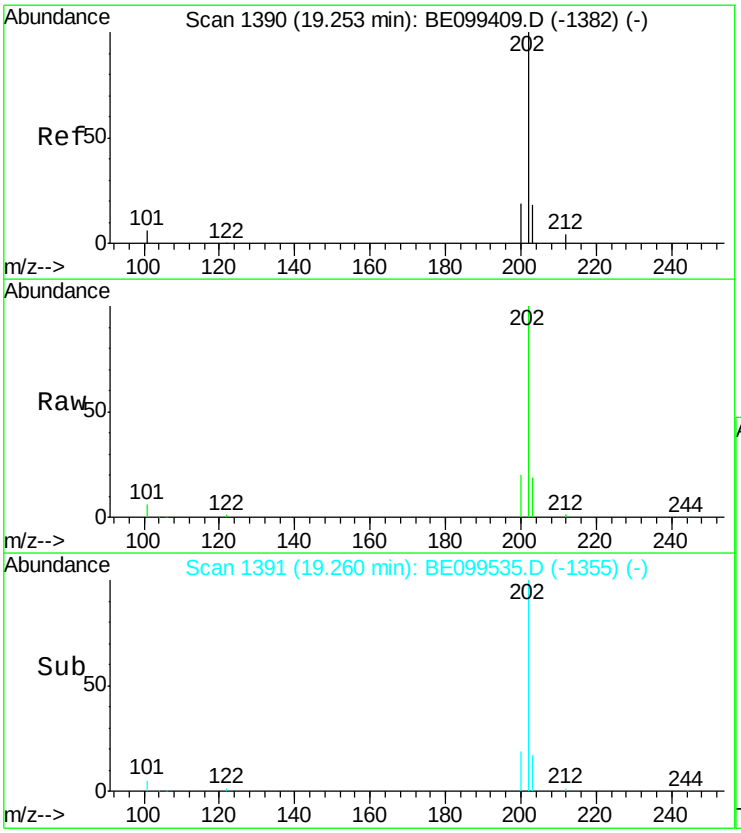
#25
Fluoranthene-d10
Concen: 0.280 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:212 Resp: 80359

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.5	2.3
104	1.1	0.9	1.3

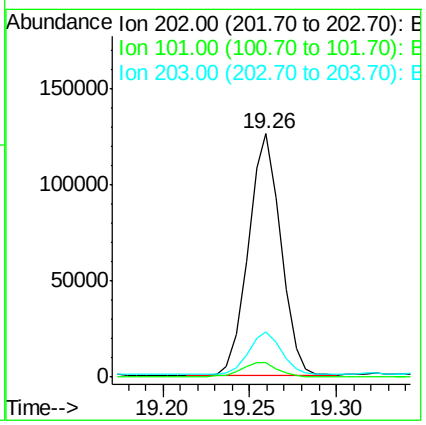


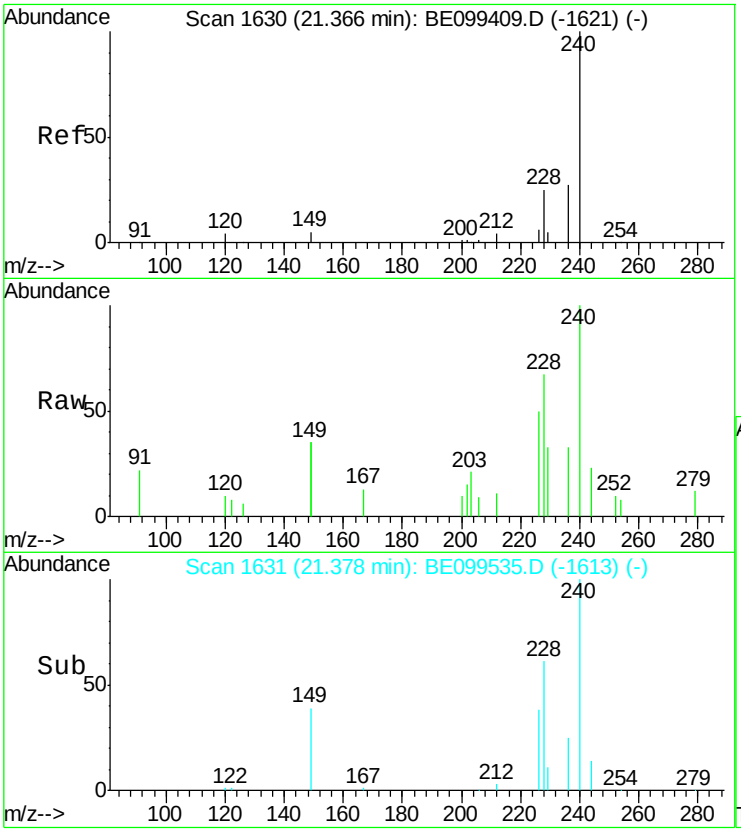


#26
Fluoranthene
Concen: 1.989 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:202 Resp: 163998

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.4	8.0
203	17.8	13.9	20.9



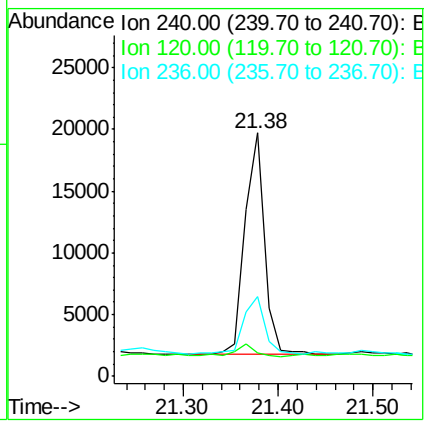


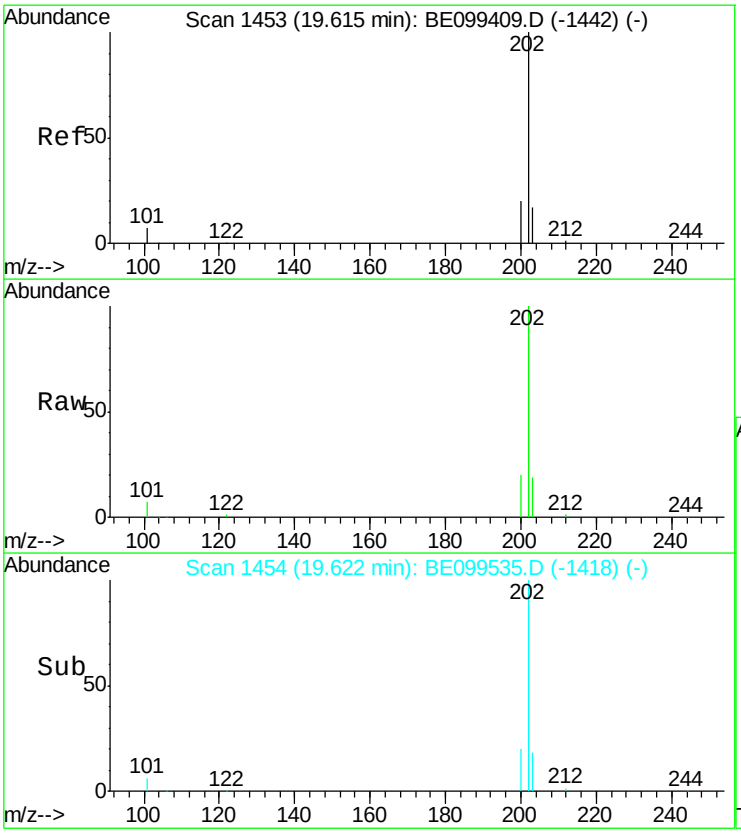
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:240 Resp: 25784

Ion	Ratio	Lower	Upper
240	100		
120	9.7	4.0	6.0#
236	32.7	22.0	33.0

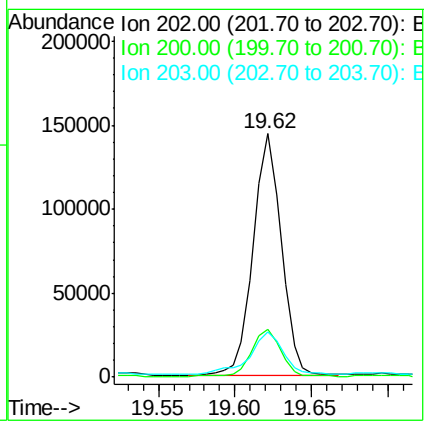


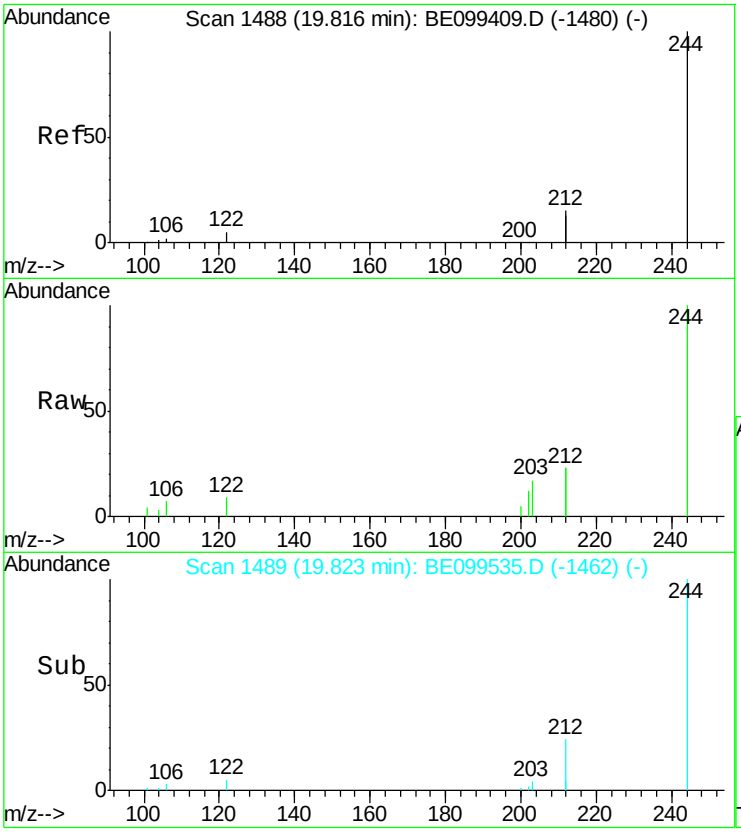


#28
Pyrene
Concen: 2.727 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:202 Resp: 183272

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.7	23.5
203	21.0	13.9	20.9#



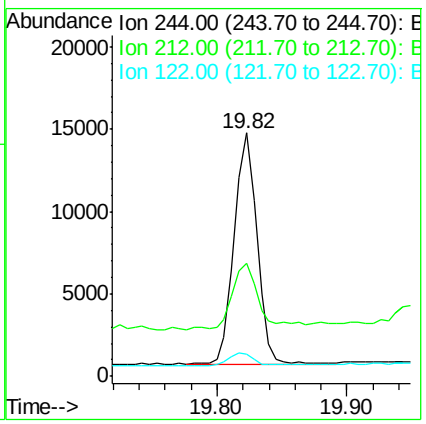


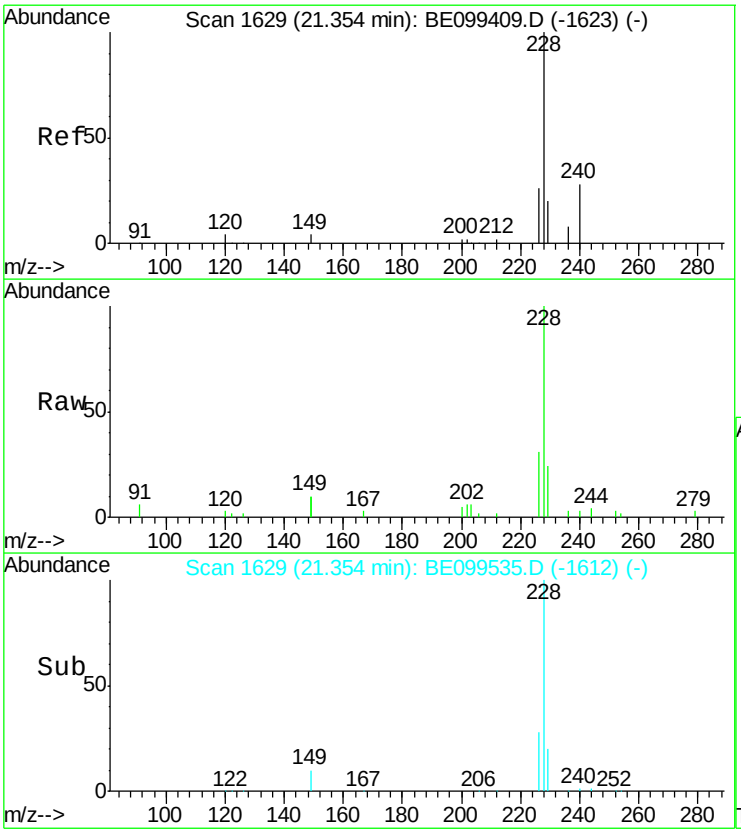
#29
Terphenyl-d14
Concen: 0.361 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:244 Resp: 17055

Ion	Ratio	Lower	Upper
244	100		
212	46.2	23.2	34.8#
122	9.1	4.2	6.4#

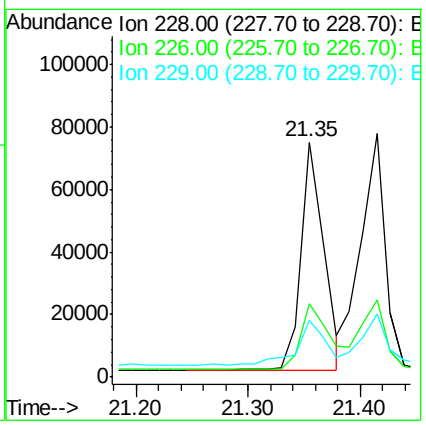


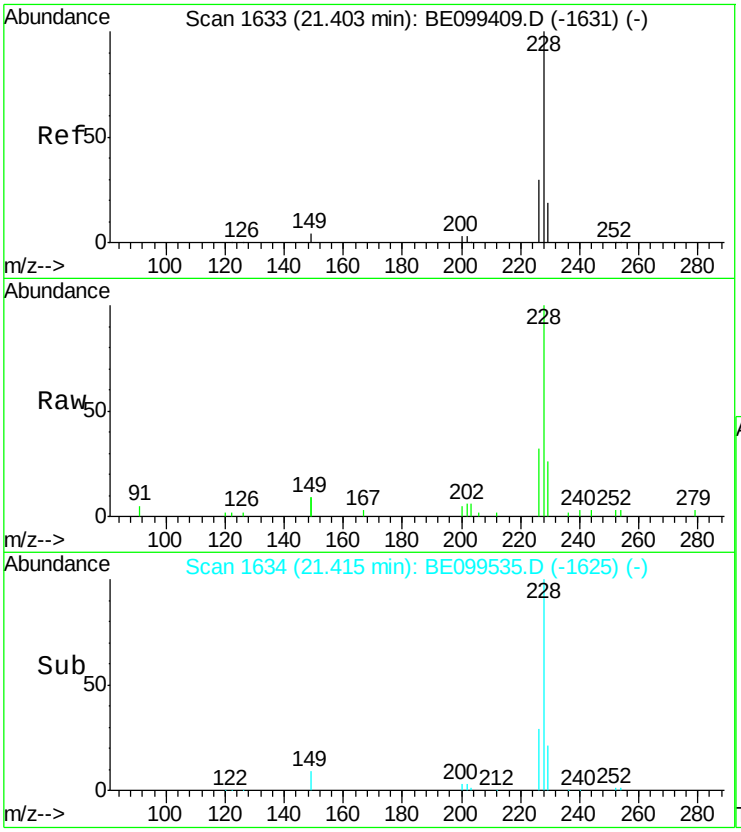


#30
Benzo(a)anthracene
Concen: 1.278 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:228 Resp: 104989

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.6
229	24.4	16.6	25.0



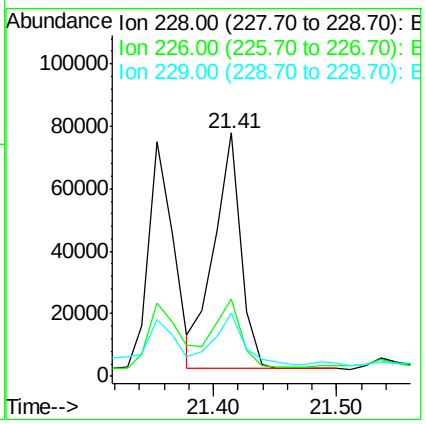


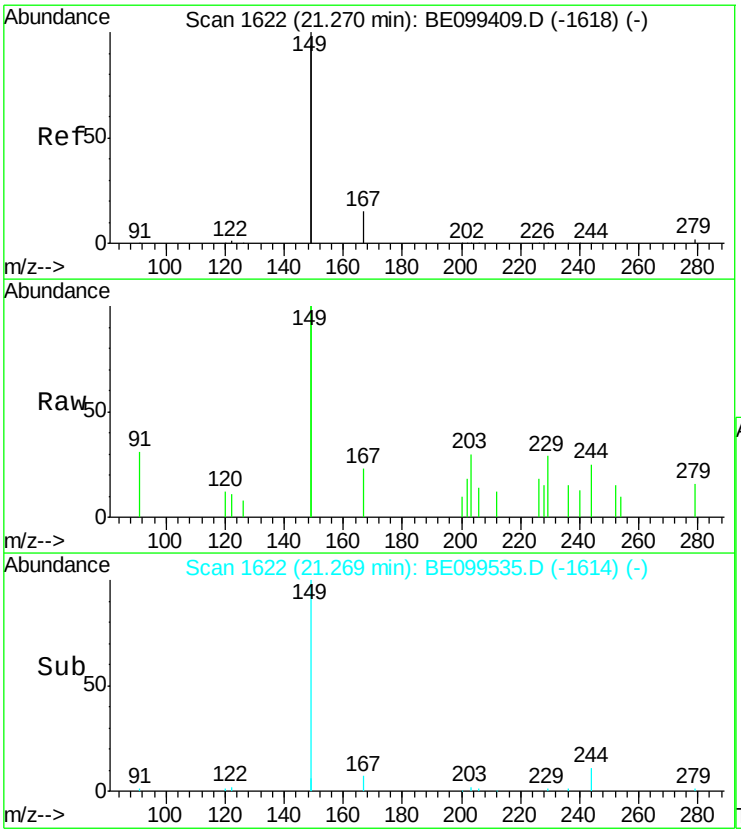
#31
Chrysene
Concen: 1.438 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:228 Resp: 115599

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	25.8	15.8	23.8#

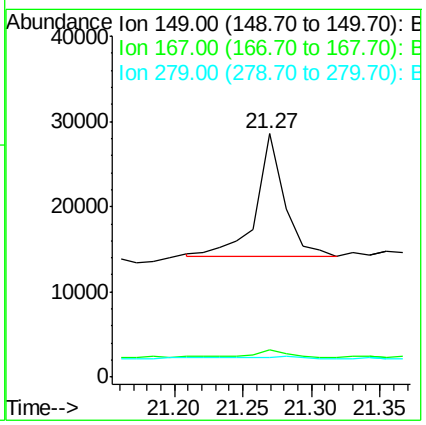


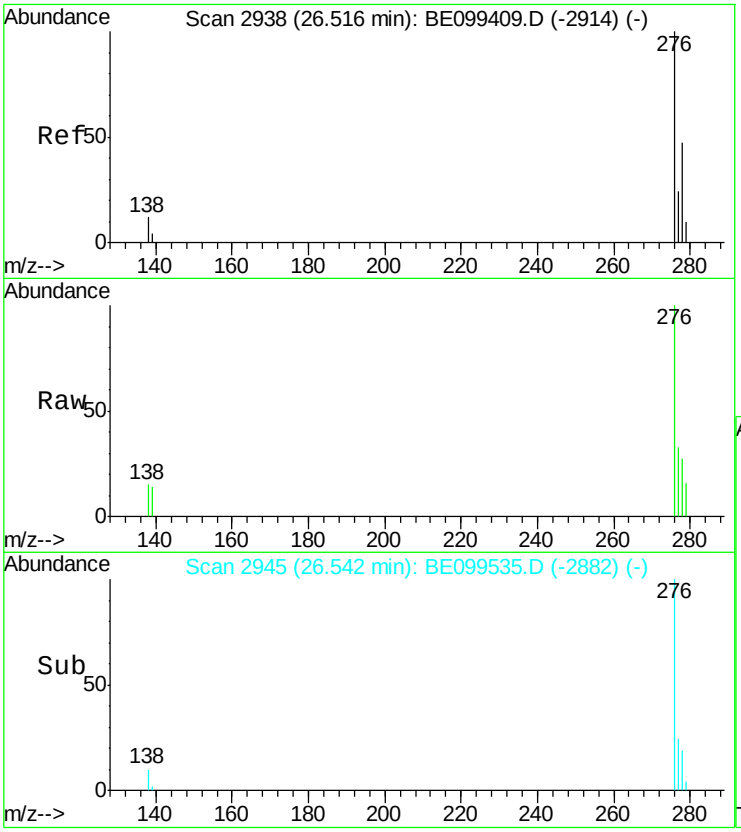


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:149 Resp: 20170

Ion	Ratio	Lower	Upper
149	100		
167	7.9	5.8	8.6
279	0.0	1.0	1.6#



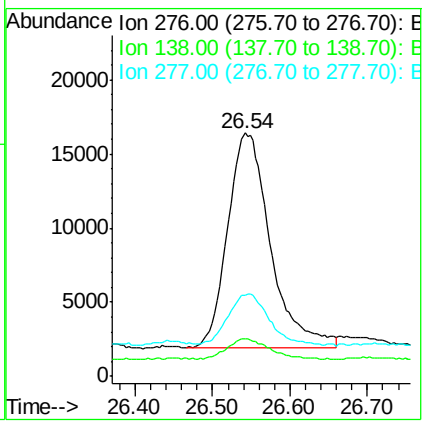


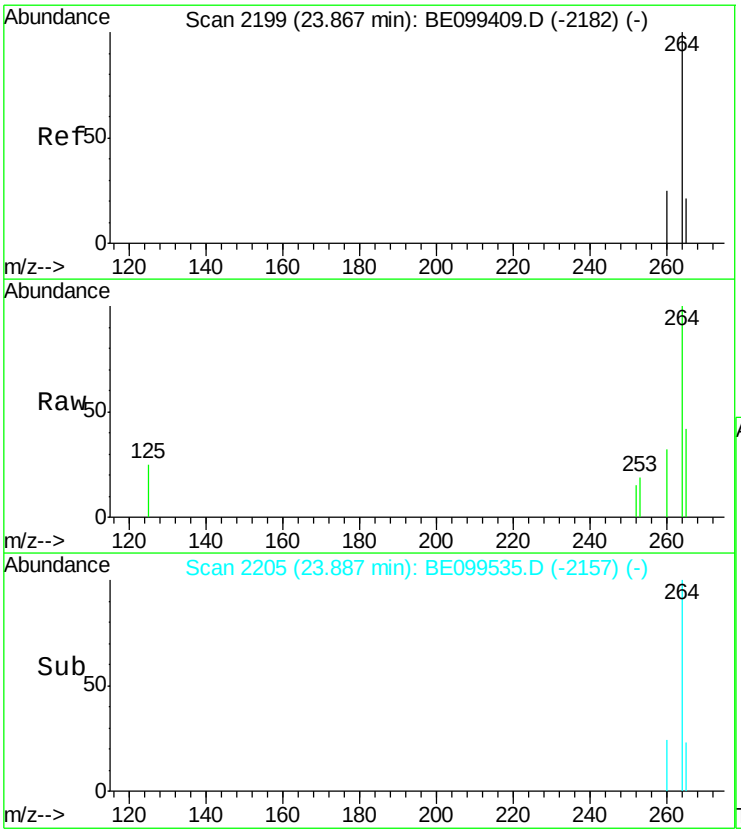
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.586 ng
RT: 26.54 min Scan# 2945
Delta R.T. 0.03 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:276 Resp: 55655

Ion	Ratio	Lower	Upper
276	100		
138	9.1	10.2	15.2#
277	22.9	19.2	28.8

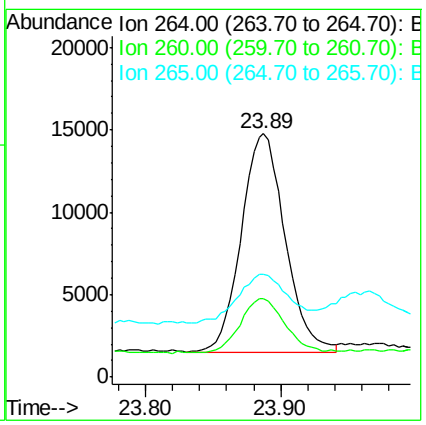


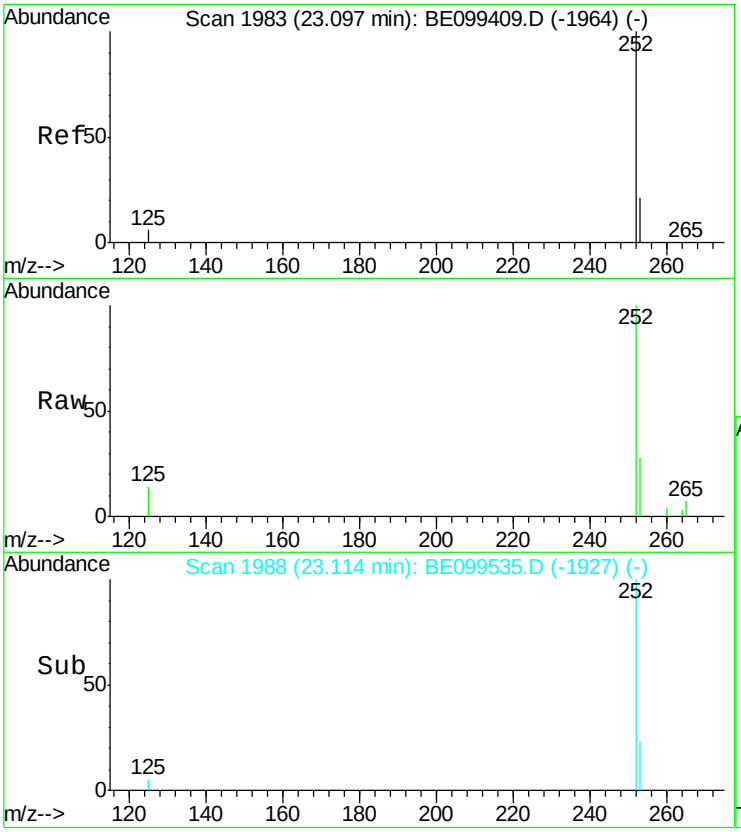


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:264 Resp: 29925

Ion	Ratio	Lower	Upper
264	100		
260	32.1	20.2	30.2#
265	42.4	21.3	31.9#



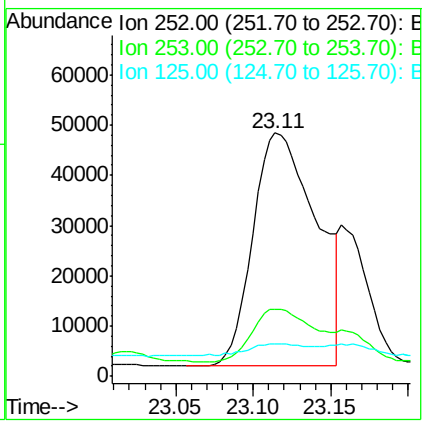


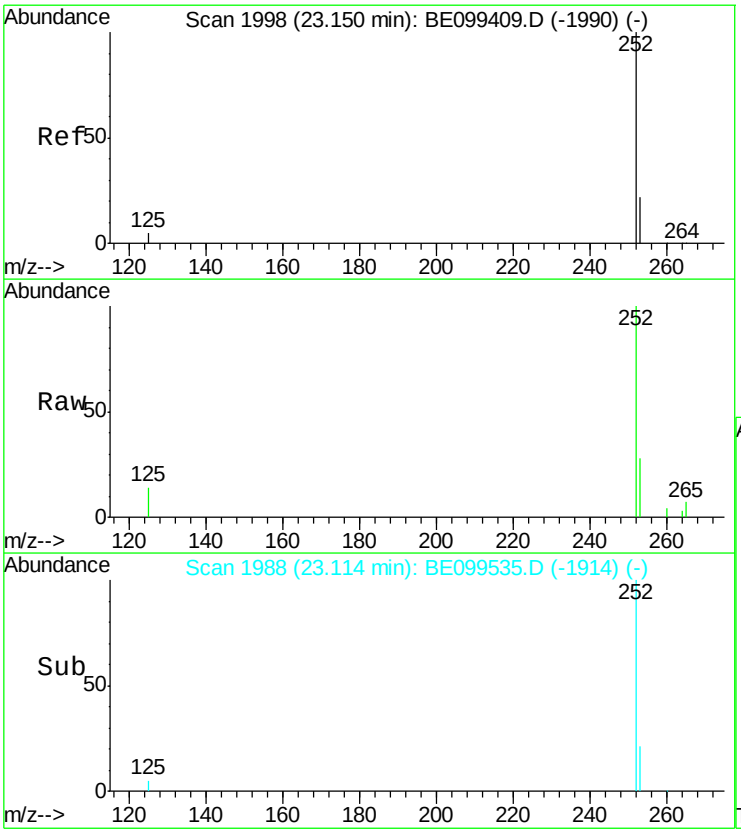
#35
Benzo(b)fluoranthene
Concen: 1.526 ng
RT: 23.11 min Scan# 1988
Delta R.T. 0.02 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:252 Resp: 131682

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.1	27.1#
125	13.5	5.6	8.4#

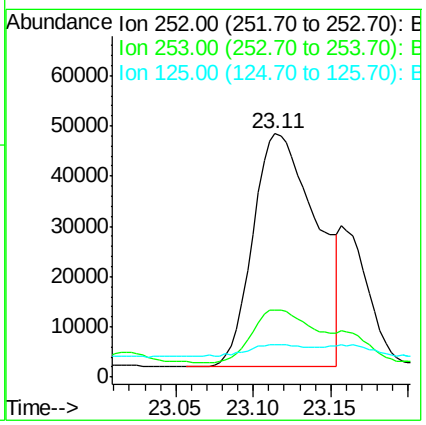


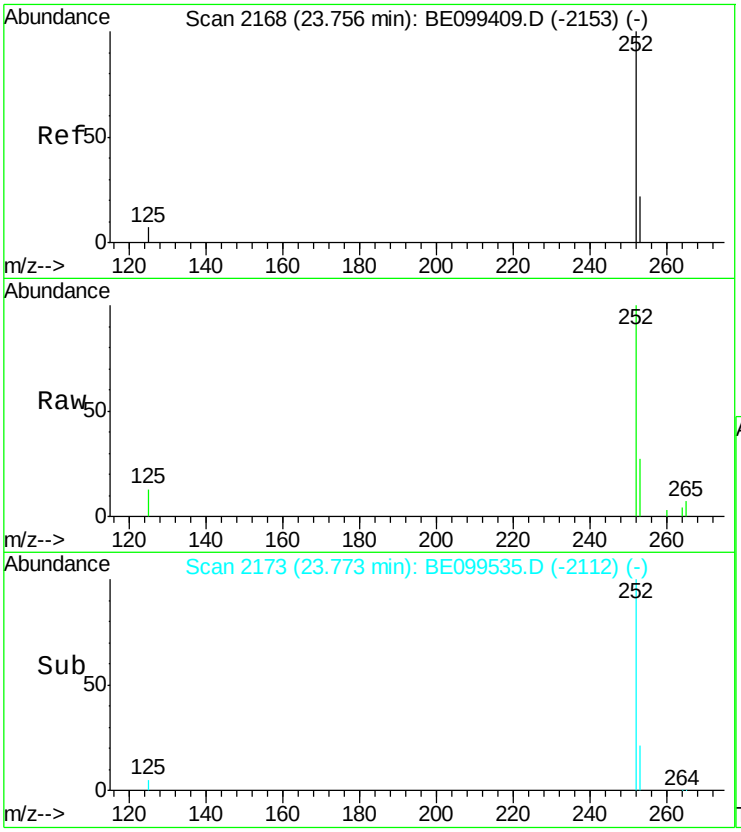


#36
Benzo(k)fluoranthene
Concen: 1.583 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.04 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:252 Resp: 131682

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.4	27.6#
125	13.5	5.0	7.4#



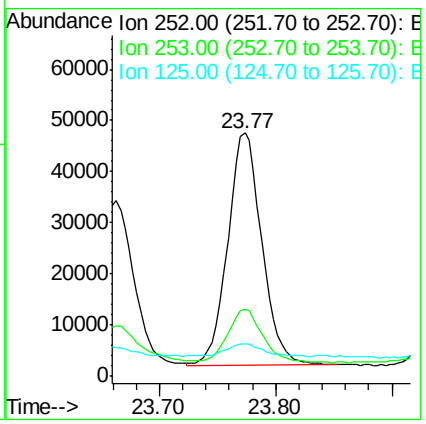


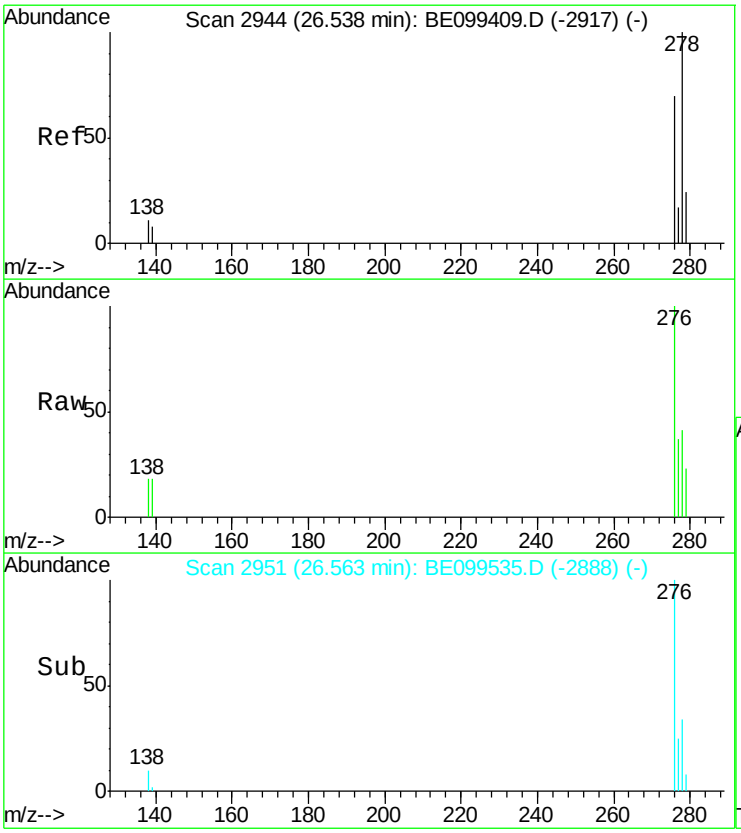
#37
Benzo(a)pyrene
Concen: 1.128 ng
RT: 23.77 min Scan# 2173
Delta R.T. 0.02 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:252 Resp: 92033

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.9	28.3
125	13.2	6.7	10.1#

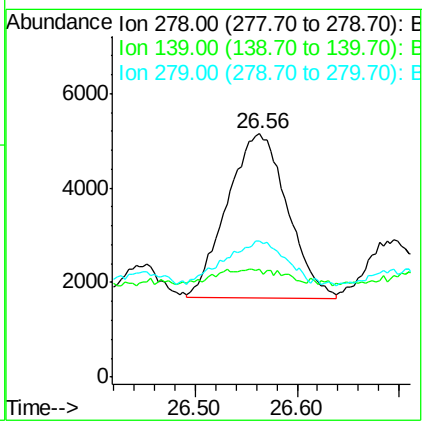


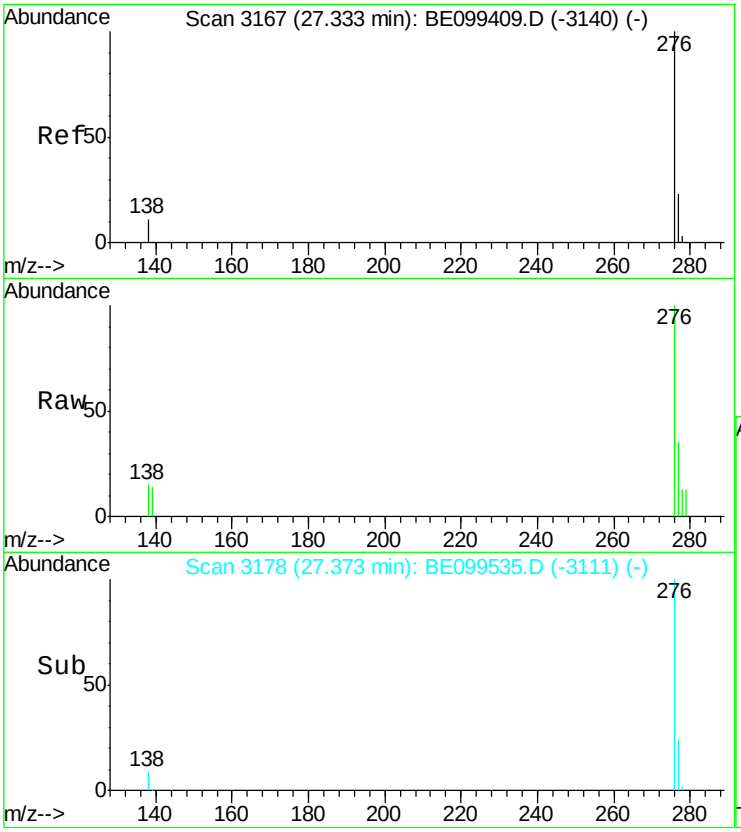


#38
Dibenzo(a,h)anthracene
Concen: 0.171 ng
RT: 26.56 min Scan# 2951
Delta R.T. 0.03 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Tgt Ion:278 Resp: 14293

Ion	Ratio	Lower	Upper
278	100		
139	44.5	7.7	11.5#
279	55.7	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.666 ng
RT: 27.37 min Scan# 3178
Delta R.T. 0.04 min
Lab File: BE099535.D
Acq: 3 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
PST-003-B172-042319

Tgt Ion:276 Resp: 55691

Ion	Ratio	Lower	Upper
276	100		
277	34.9	19.5	29.3#
138	15.5	9.6	14.4#