Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051719\
Data File : BE099647.D
Acq On : 17 May 2019 12:00
Operator : JU/SJ
Sample : K2838-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FEBH-04(32-32.5)

Quant Time: May 17 13:58:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1869	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	6463	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4596	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	13415	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18686	0.40	ng	0.00
34) Perylene-d12	23.96	264	21887	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1408	0.27	ng	0.00
5) Phenol-d6	6.98	99	1802	0.27	ng	0.00
8) Nitrobenzene-d5	8.98	82	1482	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3126	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	635	0.20	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4539	0.26	ng	0.00
25) Fluoranthene-d10	19.26	212	48775	0.27	ng	0.00
29) Terphenyl-d14	19.86	244	10109	0.30	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.64	42	50	0.028	ng	# 1
22) Pentachlorophenol	16.88	266	11	0.278	ng	# 70
28) Pyrene	19.66	202	1095	0.023	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	11175	0.128	ng	99
35) Benzo(b)fluoranthene	23.18	252	1238	0.020	ng	# 1
36) Benzo(k)fluoranthene	23.18	252	1238	0.020	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 19:30:50 2019
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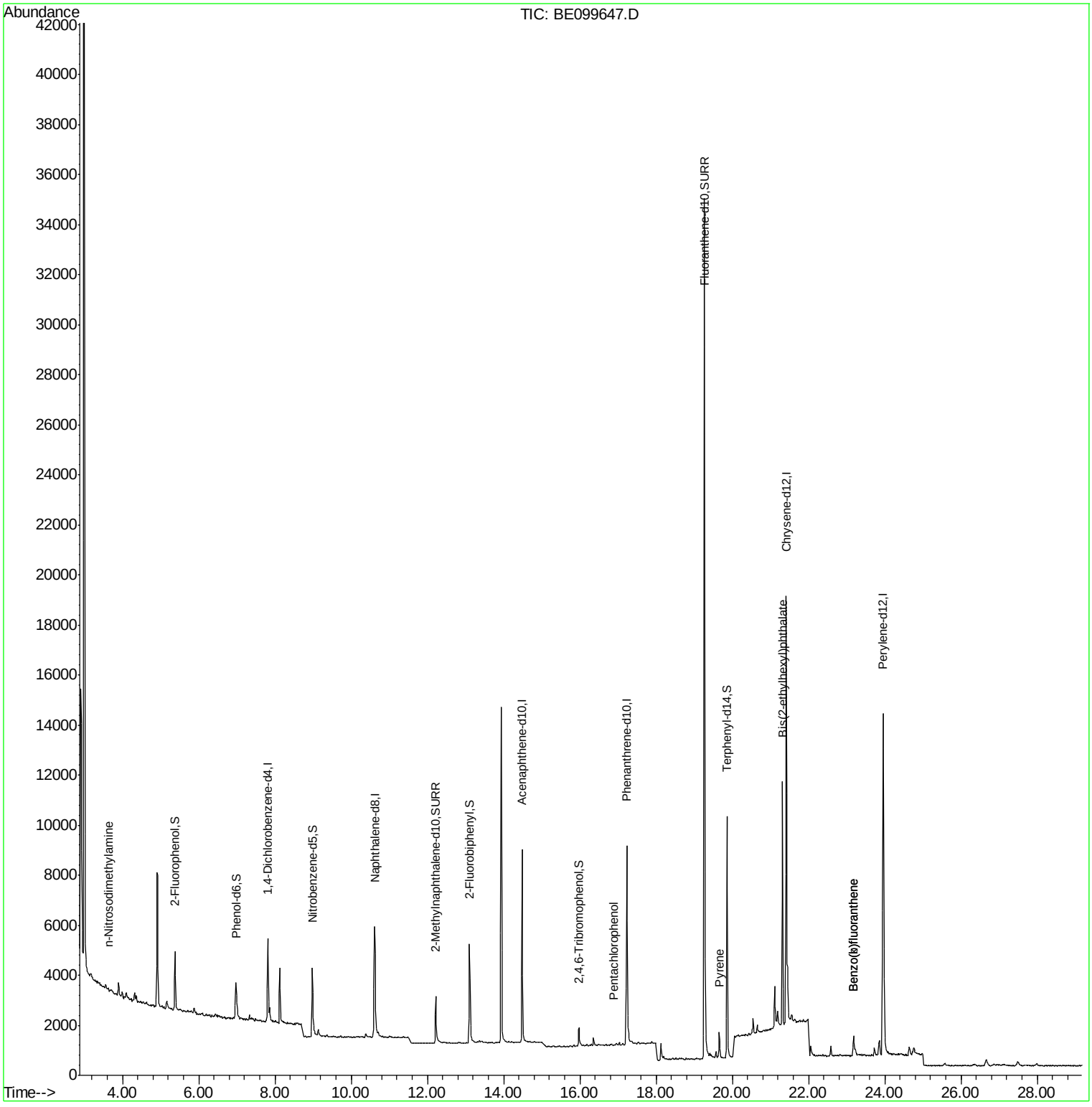
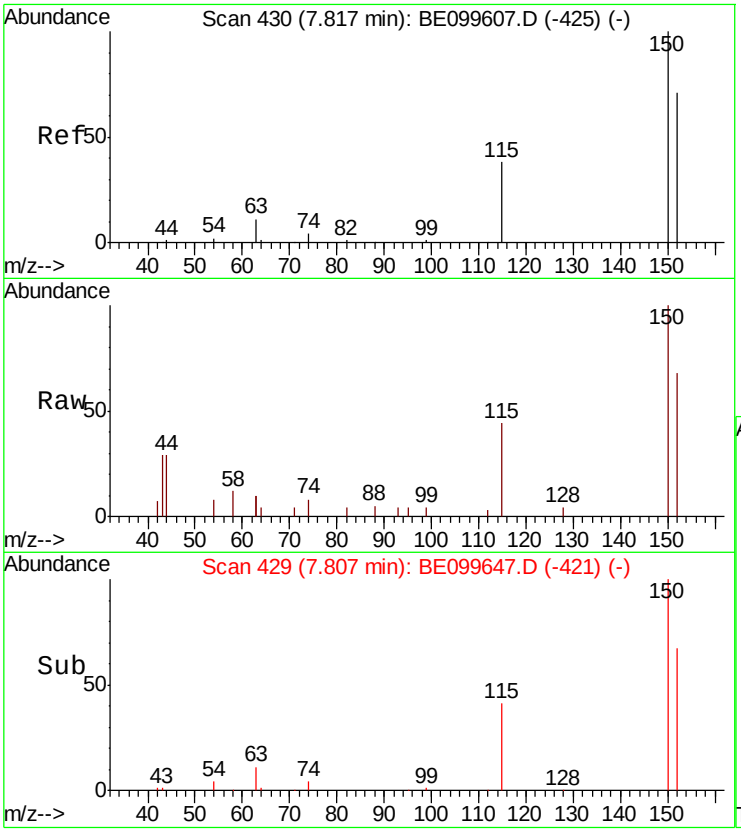


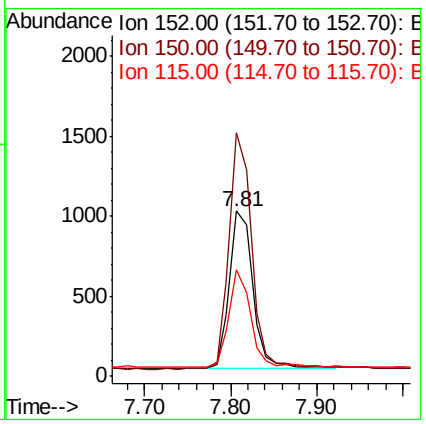


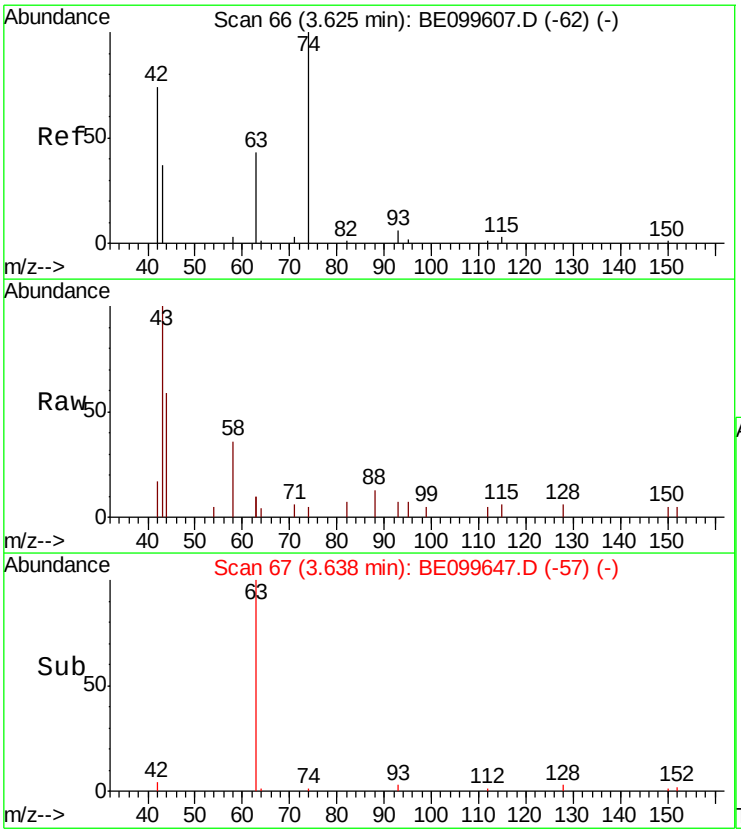
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:152 Resp: 1869

Ion	Ratio	Lower	Upper
152	100		
150	147.4	110.1	165.1
115	64.3	46.2	69.4

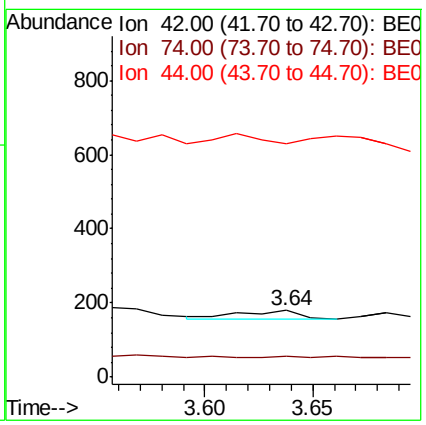


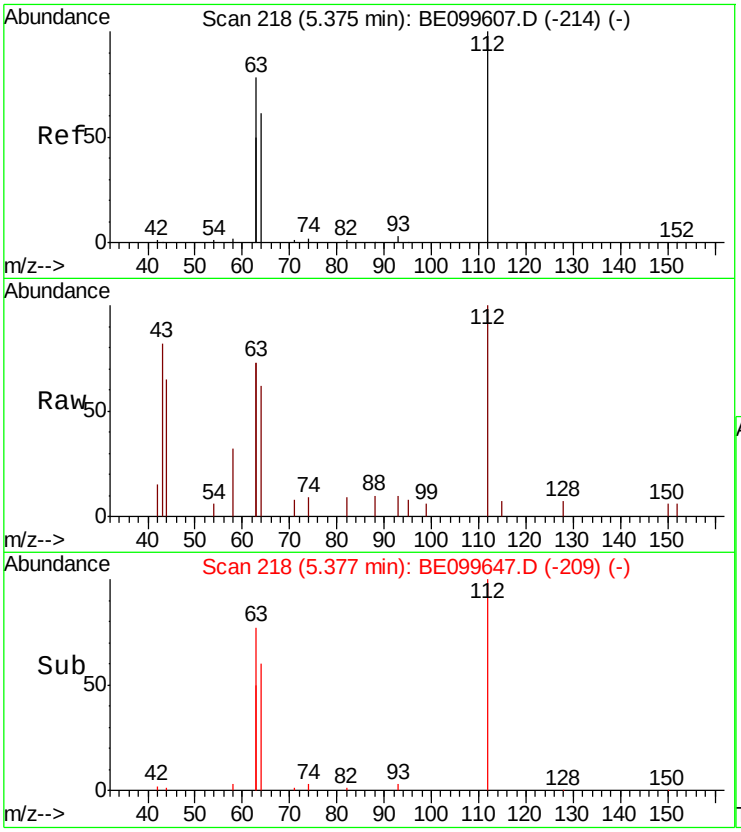


#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion: 42 Resp: 50

Ion	Ratio	Lower	Upper
42	100		
74	0.0	134.7	202.1#
44	0.0	12.5	18.7#



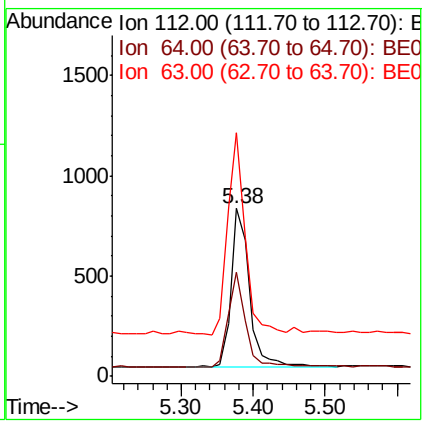


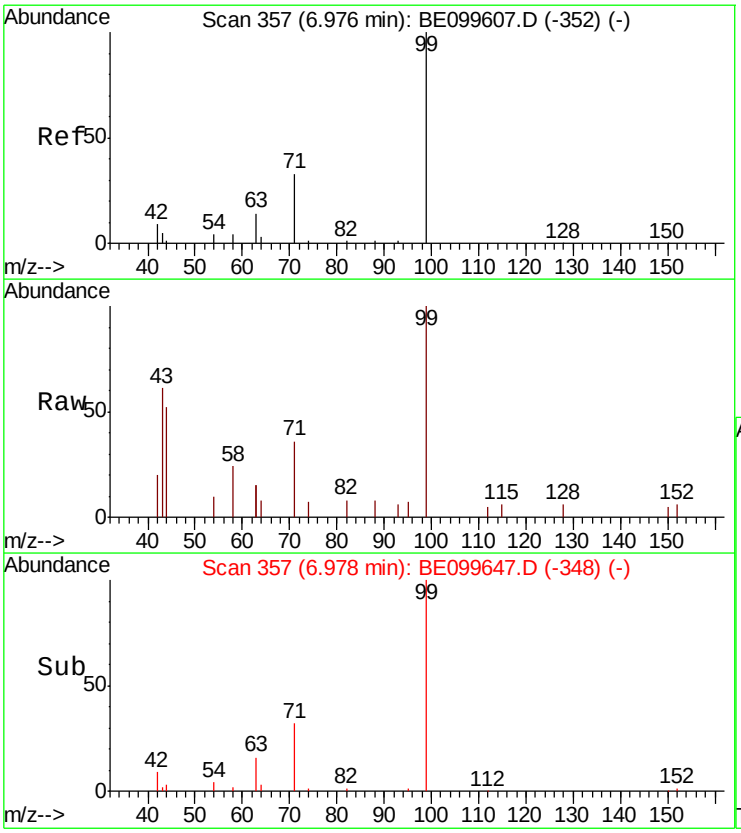
#4
2-Fluorophenol
Concen: 0.265 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:112 Resp: 1408

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.7	65.5
63	118.6	94.0	141.0

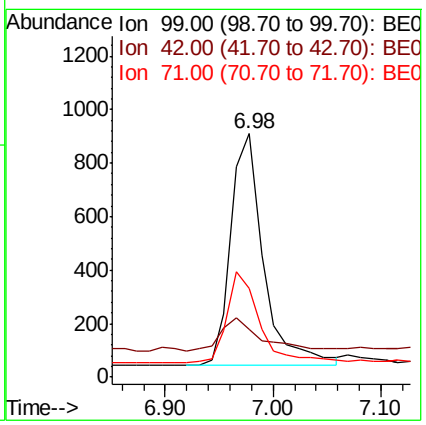


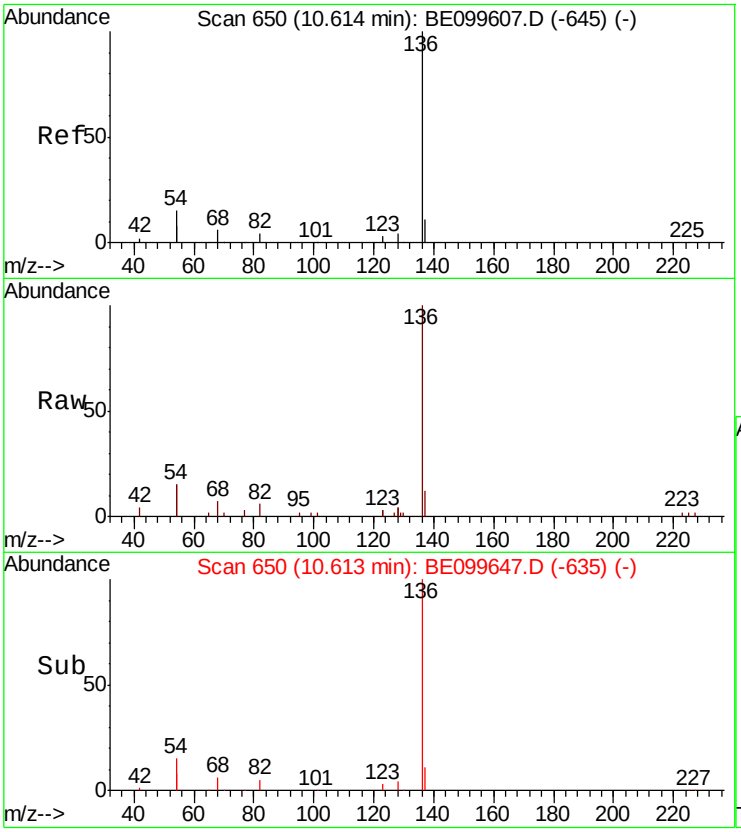


#5
Phenol-d6
Concen: 0.268 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion: 99 Resp: 1802

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.3	21.5
71	40.3	33.1	49.7



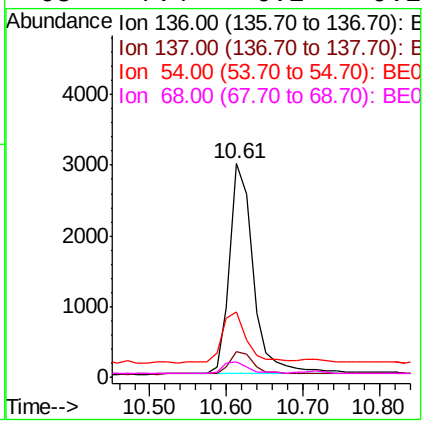


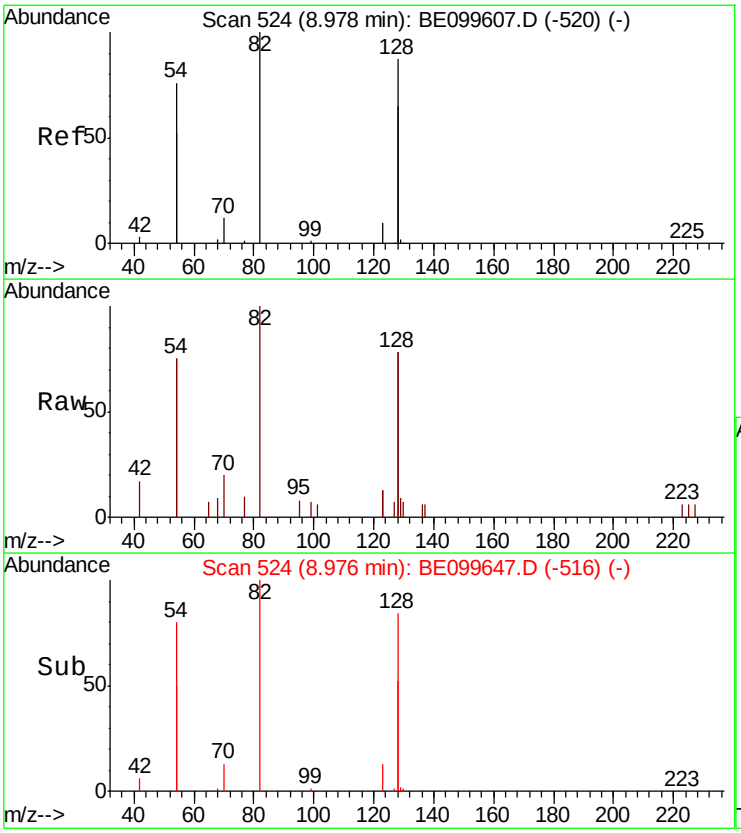
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:136 Resp: 6463

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	30.4	23.8	35.8
68	7.4	6.2	9.2

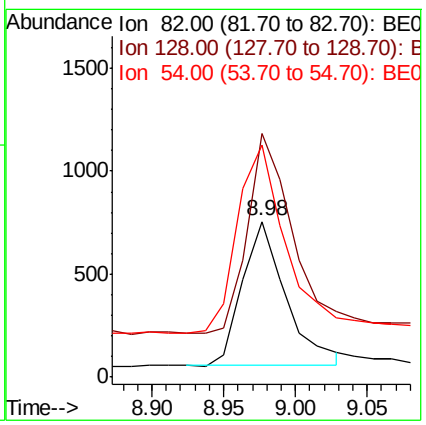


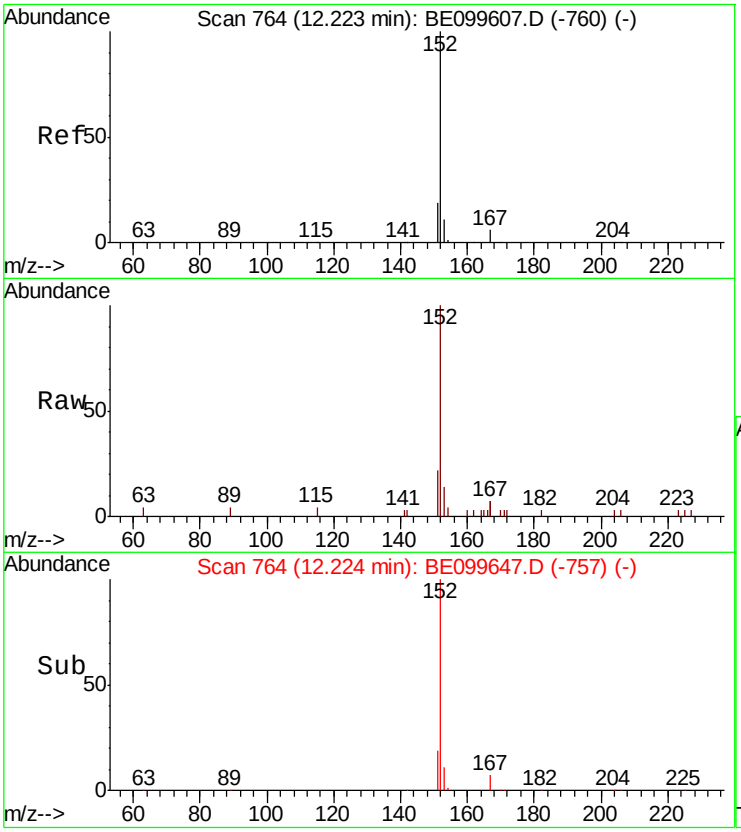


#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion: 82 Resp: 1482

Ion	Ratio	Lower	Upper
82	100		
128	156.1	131.4	197.2
54	149.3	113.9	170.9



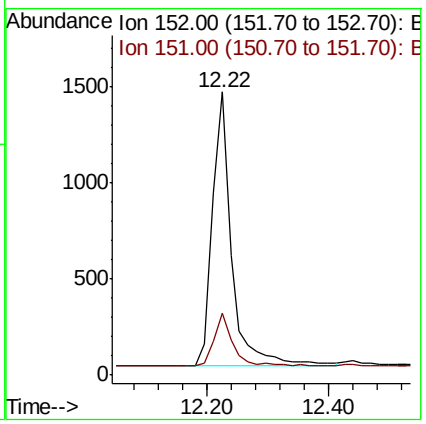


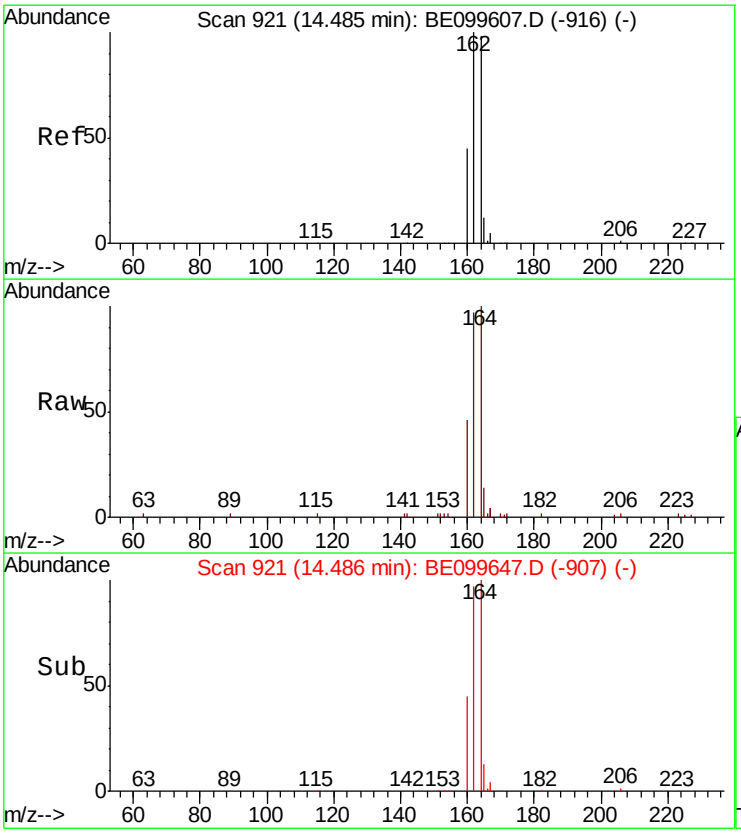
#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:152 Resp: 3126

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9

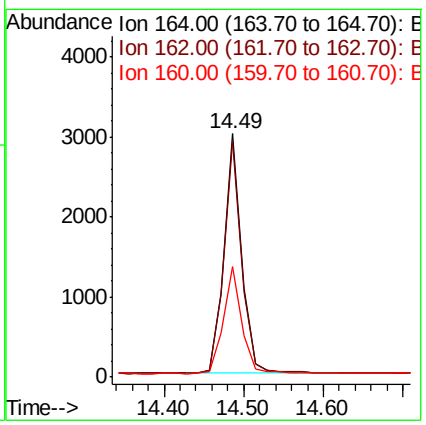


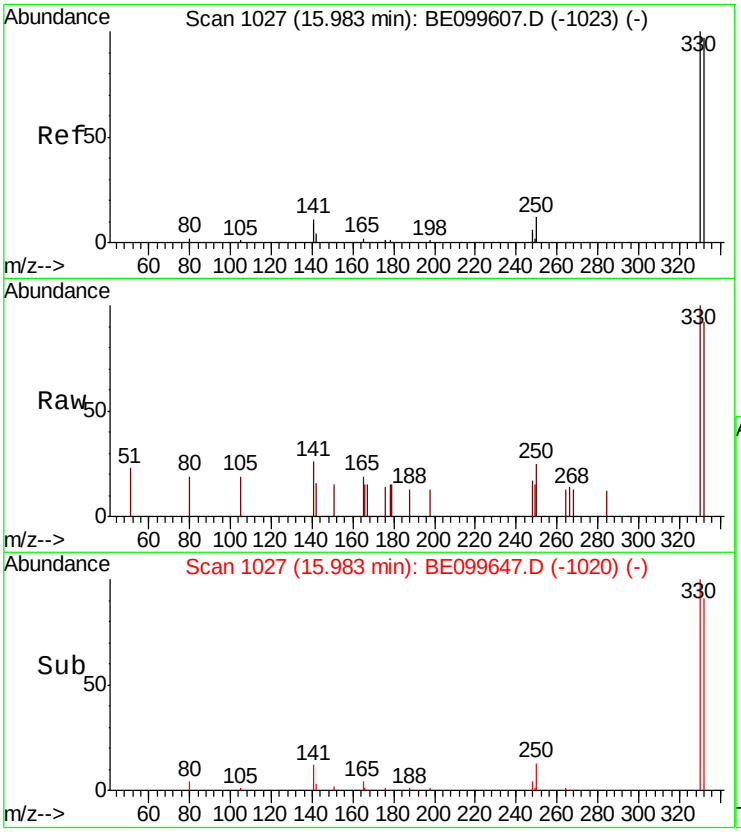


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion:164 Resp: 4596

Ion	Ratio	Lower	Upper
164	100		
162	96.7	81.4	122.0
160	45.5	37.4	56.2



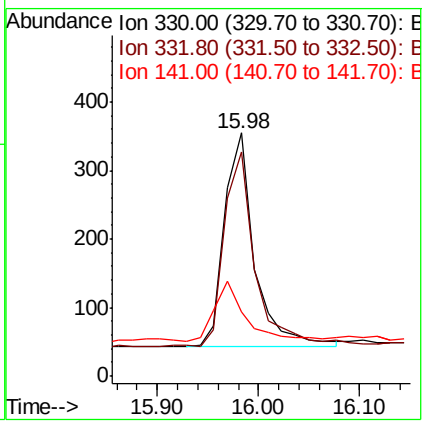


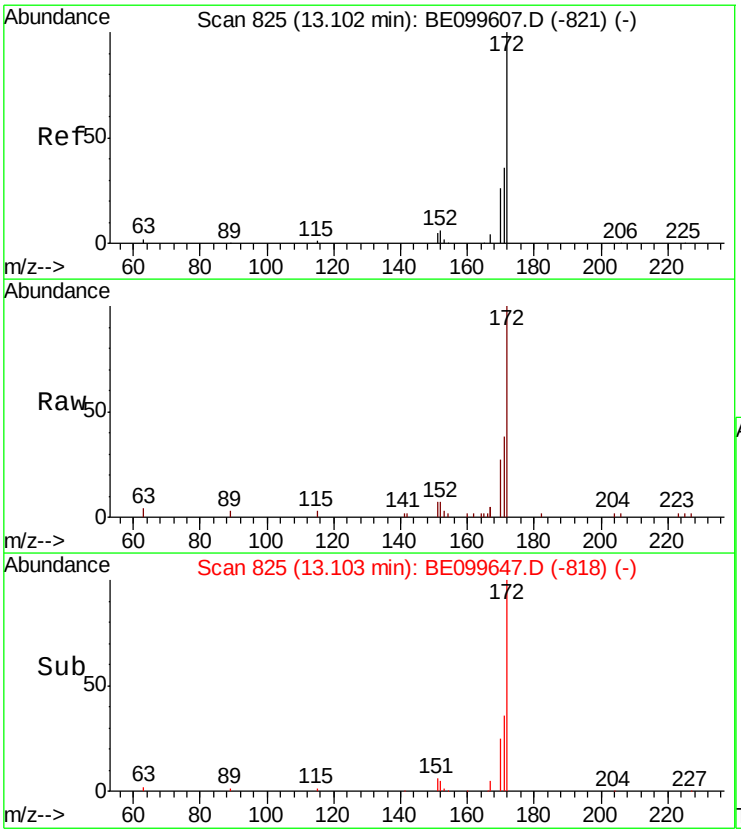
#14
2,4,6-Tribromophenol
Concen: 0.202 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:330 Resp: 635

Ion	Ratio	Lower	Upper
330	100		
332	92.6	73.8	110.8
141	29.6	21.0	31.6

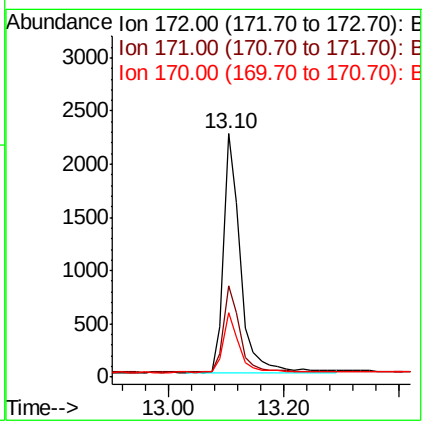


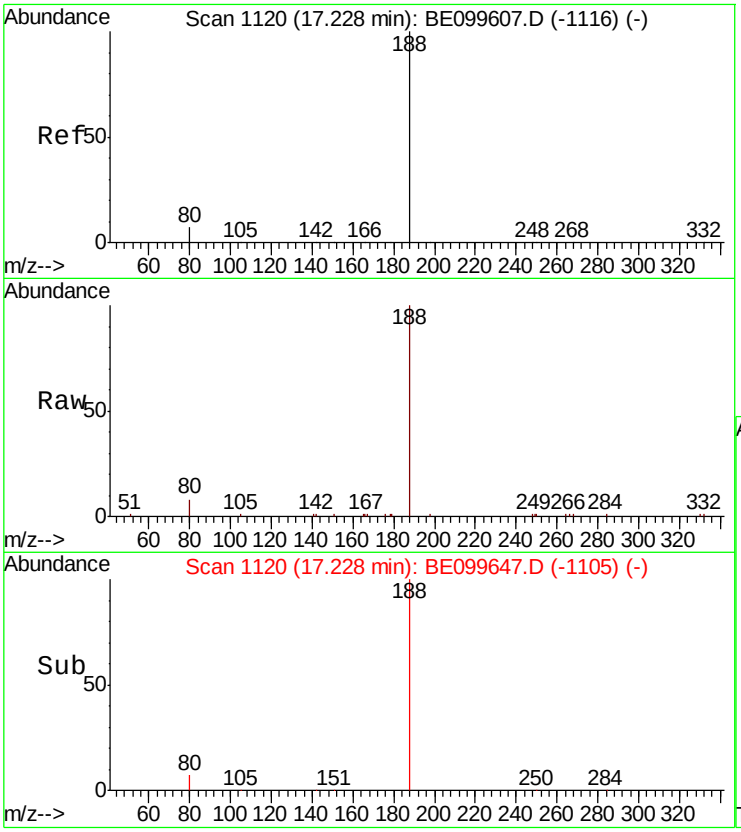


#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion:172 Resp: 4539

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.4	44.2
170	26.6	21.5	32.3



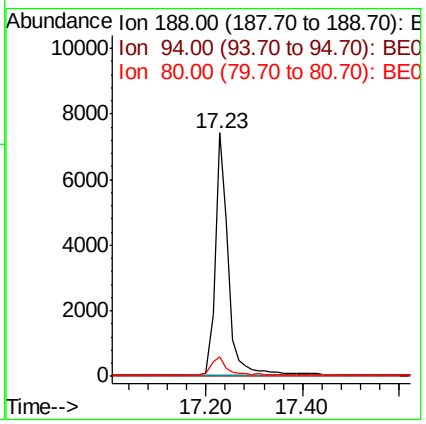


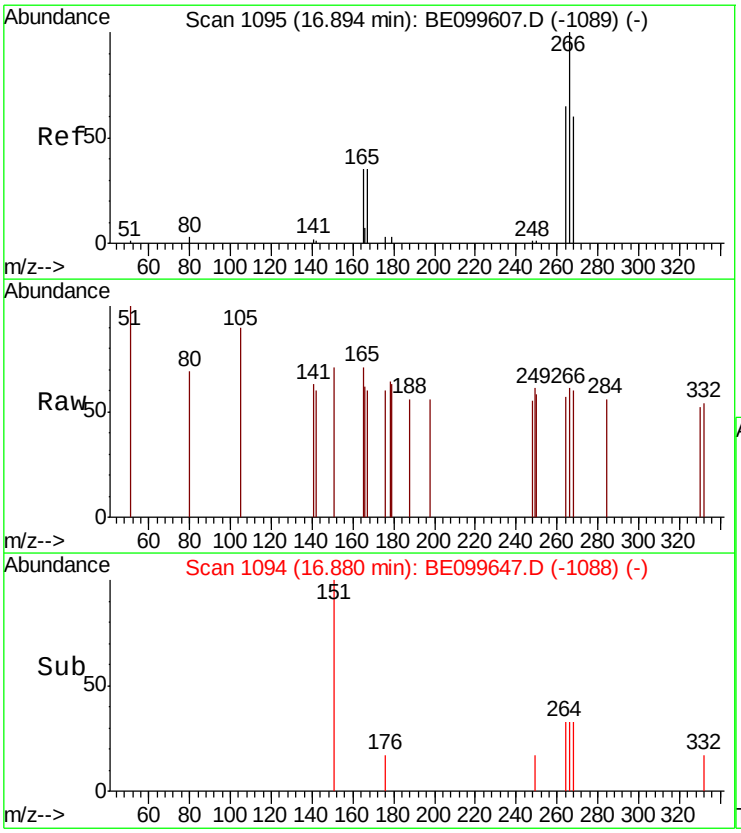
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:188 Resp: 13415

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.4	9.6

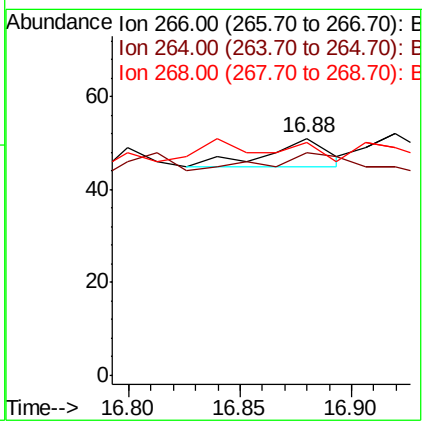


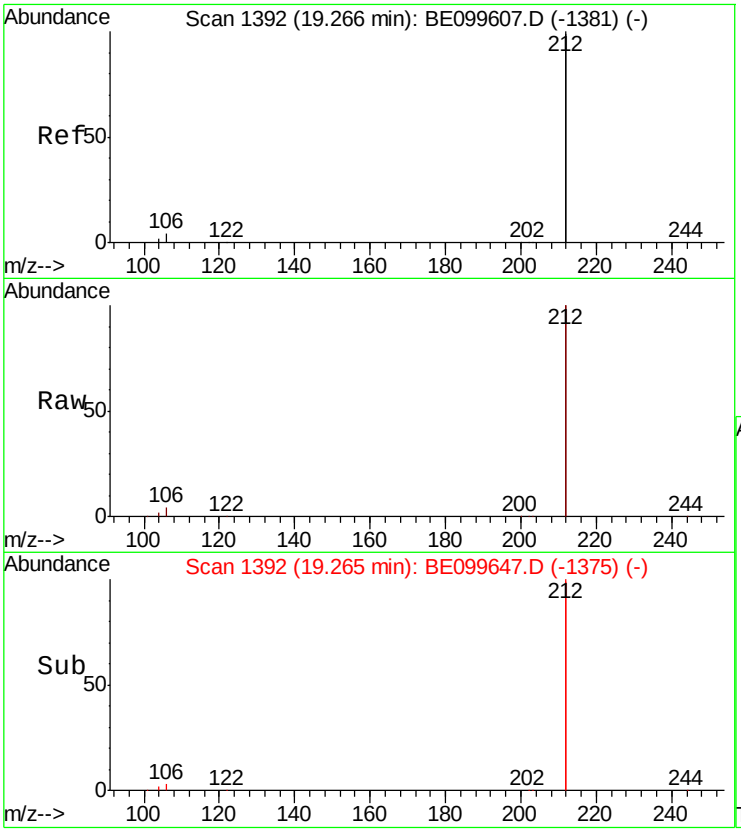


#22
Pentachlorophenol
Concen: 0.278 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
264	94.1	57.7	86.5#
268	98.0	55.8	83.8#



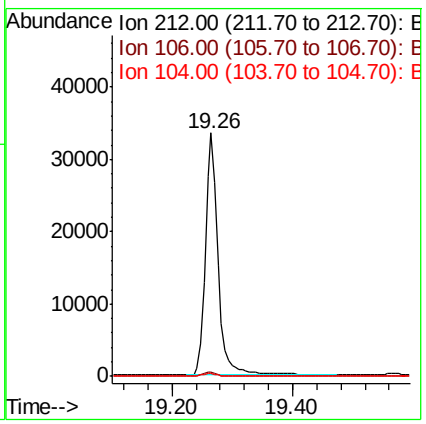


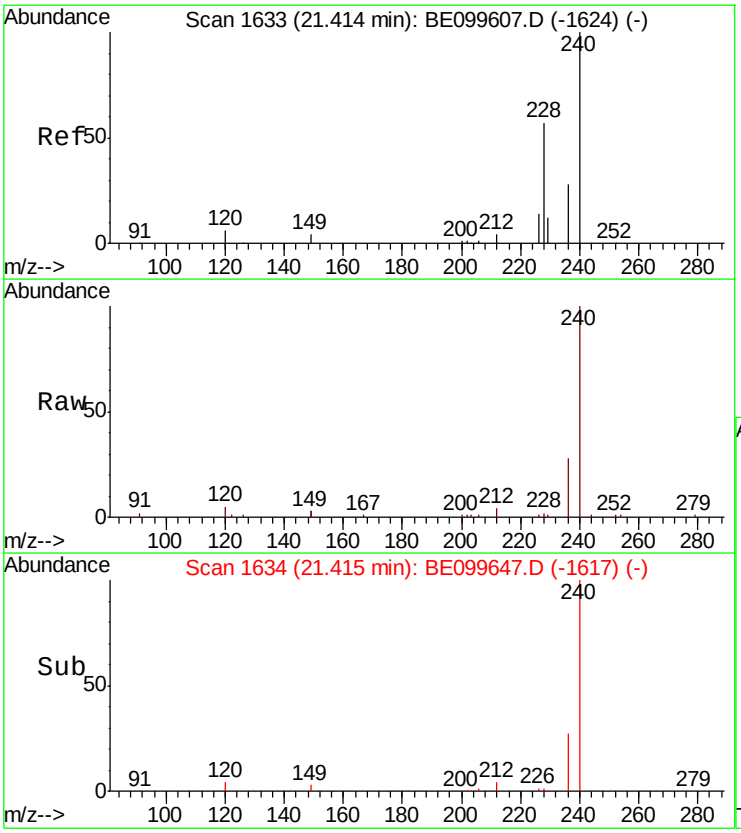
#25
Fluoranthene-d10
Concen: 0.273 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:212 Resp: 48775

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

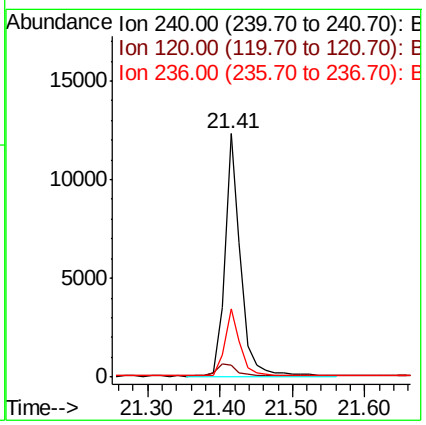


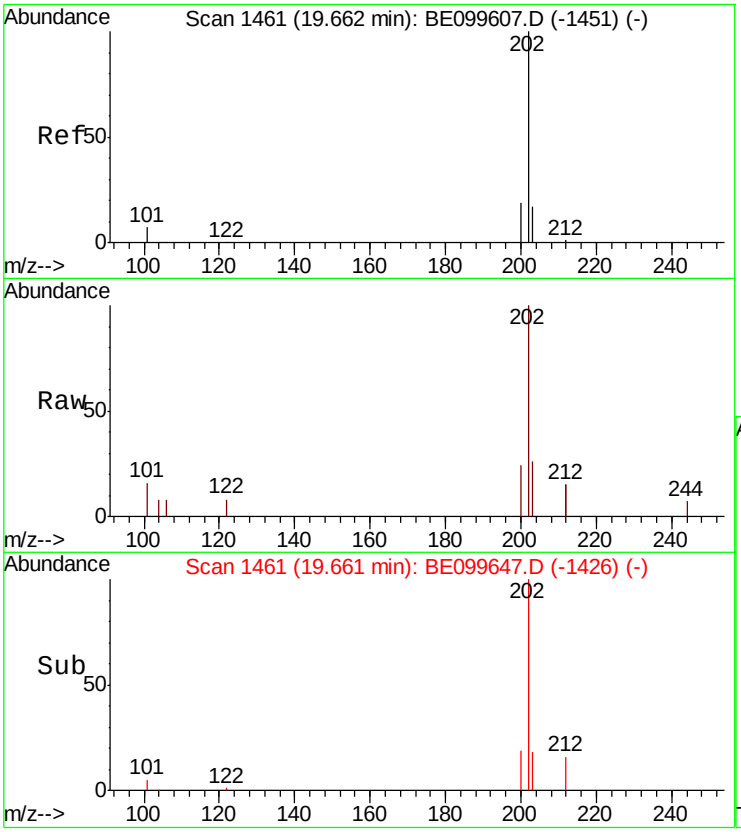


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion:240 Resp: 18686

Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.7	8.5#
236	27.8	22.8	34.2



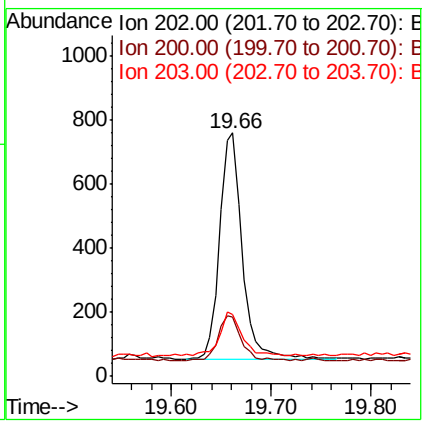


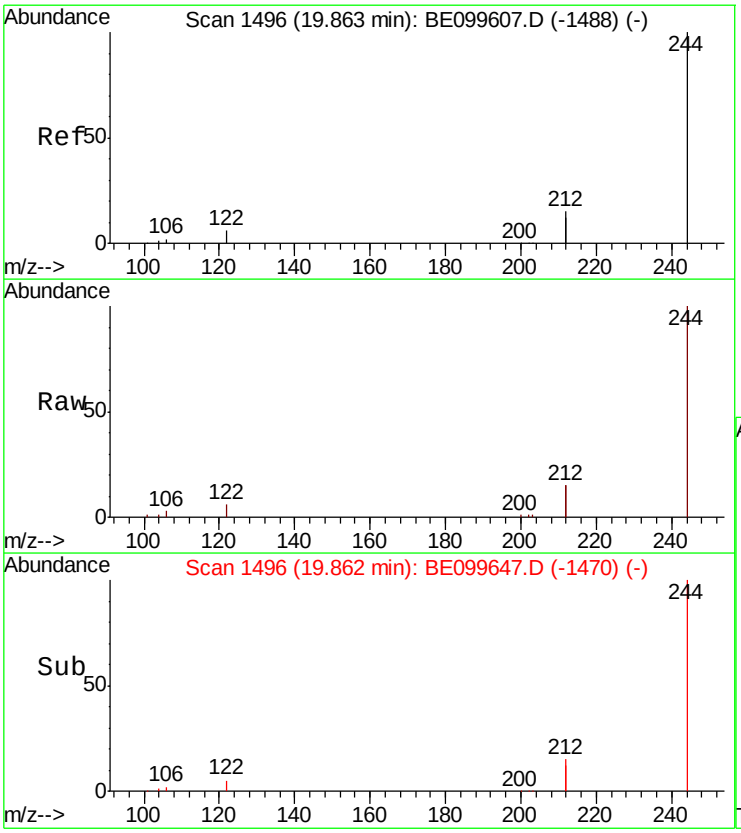
#28
Pyrene
Concen: 0.023 ng
RT: 19.66 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:202 Resp: 1095

Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.8	23.6
203	19.7	14.1	21.1

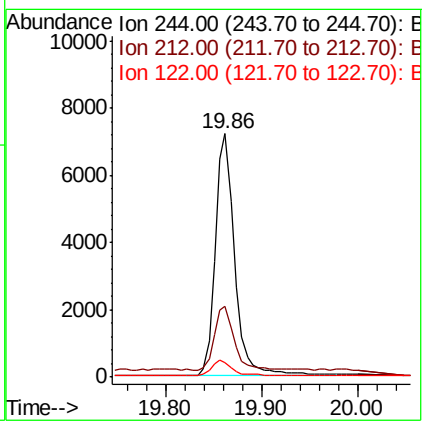


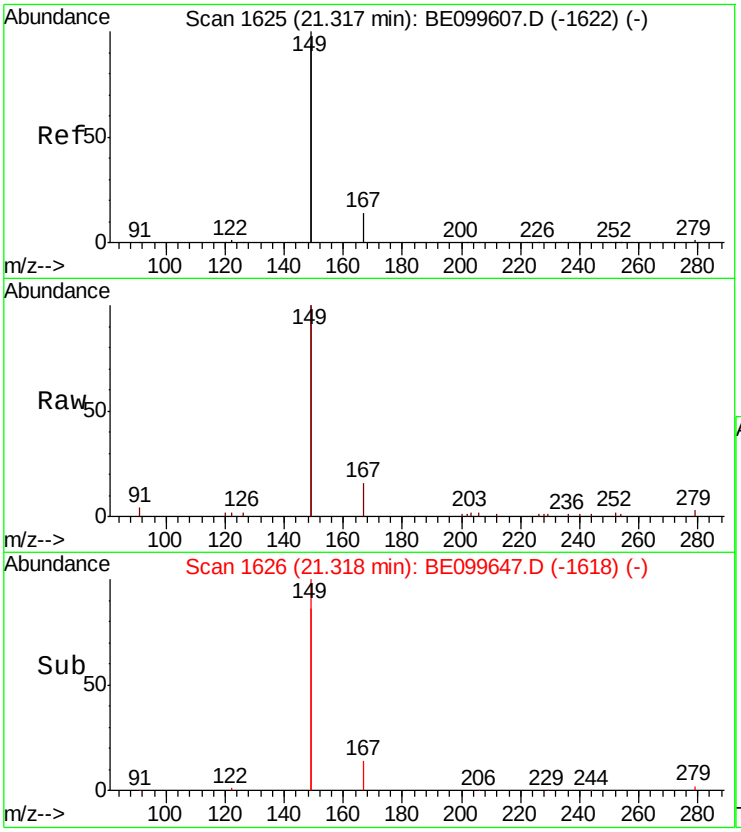


#29
Terphenyl-d14
Concen: 0.301 ng
RT: 19.86 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion:244 Resp: 10109

Ion	Ratio	Lower	Upper
244	100		
212	29.3	23.8	35.6
122	5.8	5.0	7.6



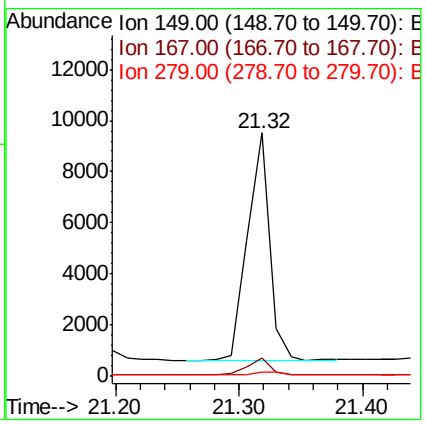


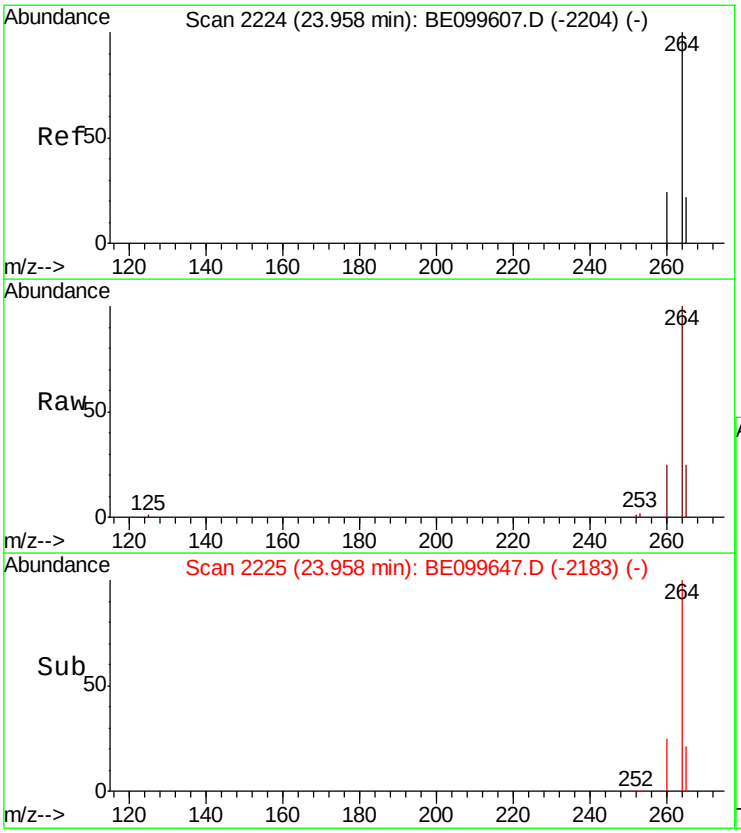
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:149 Resp: 11175

Ion	Ratio	Lower	Upper
149	100		
167	7.3	6.0	9.0
279	1.6	1.1	1.7

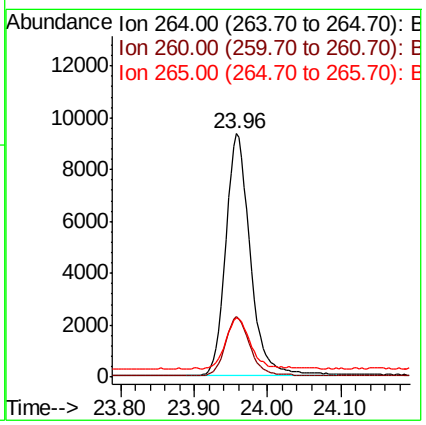


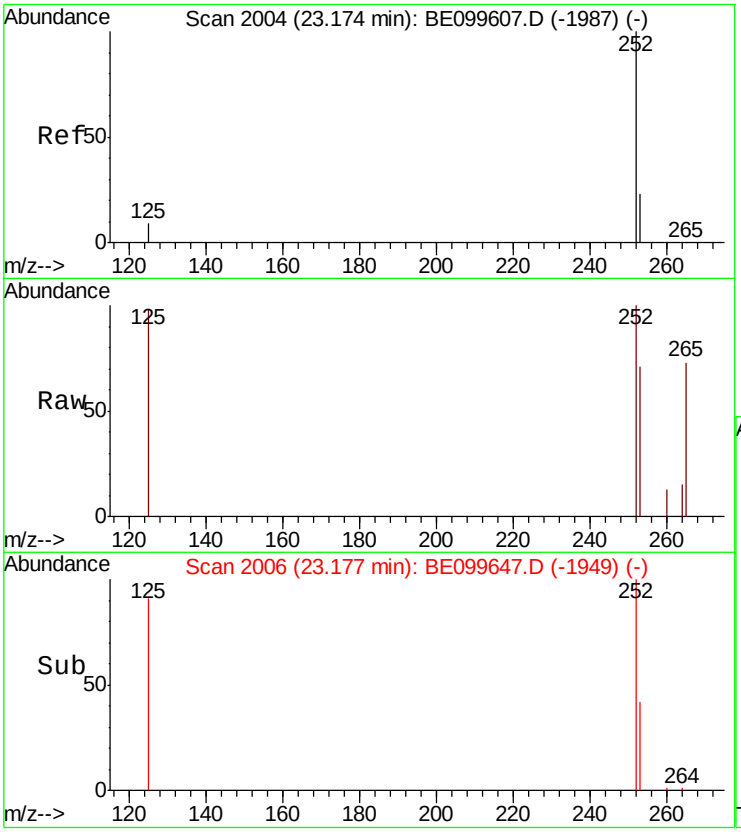


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion:264 Resp: 21887

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	24.5	21.2	31.8



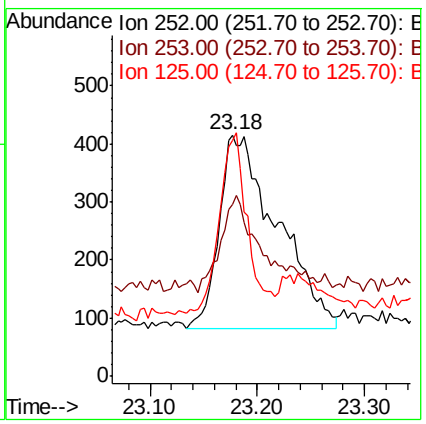


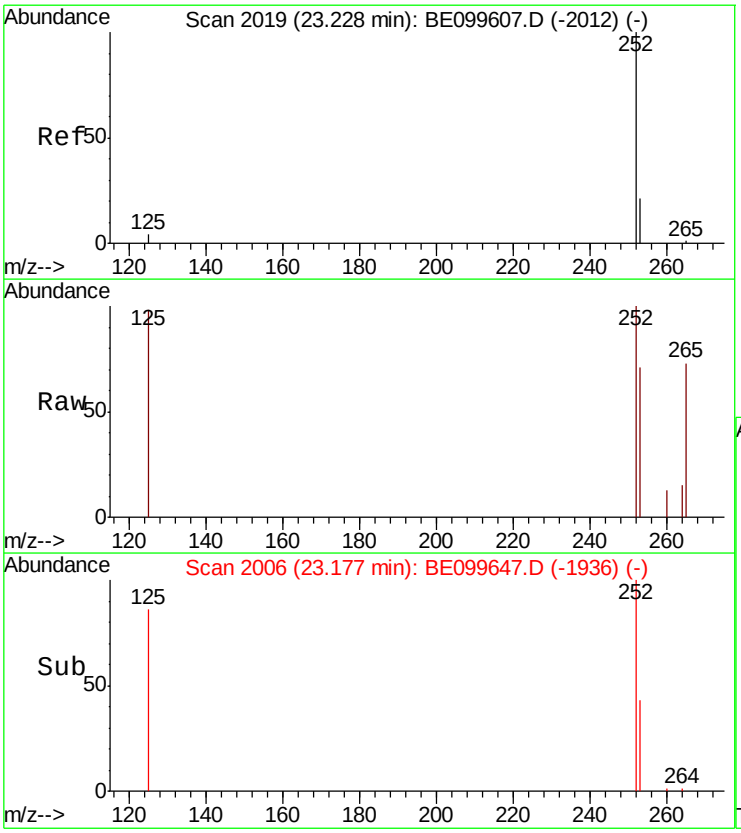
#35
Benzo(b)fluoranthene
Concen: 0.020 ng
RT: 23.18 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Instrument :
BNA_E
ClientSampleId :
FEBH-04(32-32.5)

Tgt Ion:252 Resp: 1238

Ion	Ratio	Lower	Upper
252	100		
253	71.1	19.1	28.7#
125	98.1	7.8	11.8#





#36
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BE099647.D
Acq: 17 May 2019 12:00

Tgt Ion:252 Resp: 1238

Ion	Ratio	Lower	Upper
252	100		
253	71.1	18.6	28.0#
125	98.1	5.2	7.8#