Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
Data File : BE099089.D
Acq On : 22 Mar 2019 20:47
Operator : JU/SJ
Sample : K1948-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : INV-025-SW02-031319

Quant Time: Mar 23 01:15:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 00:46:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3322	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	12490	0.40	ng		0.00
13) Acenaphthene-d10	14.48	164	7990	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	22089	0.40	ng		0.00
27) Chrysene-d12	21.39	240	31949	0.40	ng		0.00
34) Perylene-d12	23.90	264	36536	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	4627	0.47	ng		0.00
5) Phenol-d6	7.00	99	6301	0.44	ng		0.00
8) Nitrobenzene-d5	9.16	82	291	0.05	ng		0.17
11) 2-Methylnaphthalene-d10	12.22	152	9178	0.41	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	1296	0.55	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	13065	0.41	ng		0.00
25) Fluoranthene-d10	19.24	212	113916	0.39	ng		0.00
29) Terphenyl-d14	19.84	244	18576	0.27	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	14.21	152	984	0.023	ng		98
22) Pentachlorophenol	16.85	266	32	0.258	ng	#	89
23) Phenanthrene	17.26	178	9662	0.147	ng		98
26) Fluoranthene	19.27	202	22876	0.248	ng		98
28) Pyrene	19.63	202	23058	0.213	ng		96
30) Benzo(a)anthracene	21.36	228	13318	0.118	ng		99
31) Chrysene	21.43	228	16610	0.148	ng		97
32) Bis(2-ethylhexyl)phthalate	21.30	149	20489	0.140	ng		99
33) Indeno(1,2,3-cd)pyrene	26.56	276	9587	0.079	ng		99
35) Benzo(b)fluoranthene	23.13	252	20416	0.162	ng	#	94
36) Benzo(k)fluoranthene	23.13	252	20416	0.165	ng	#	96
37) Benzo(a)pyrene	23.78	252	13457	0.115	ng	#	97
39) Benzo(g,h,i)perylene	27.38	276	9675	0.083	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
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INV-025-SW02-031319

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 00:46:37 2019
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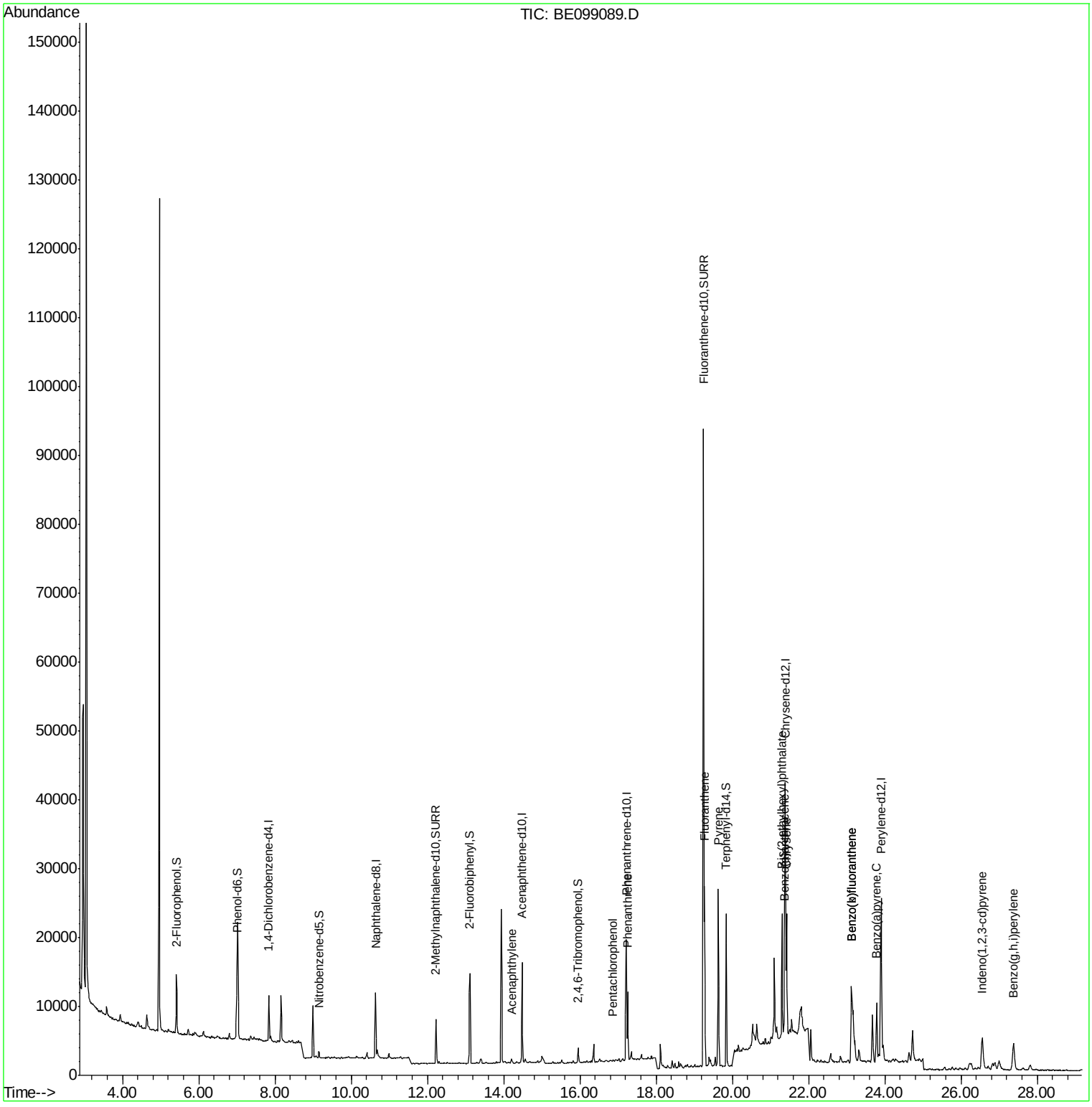
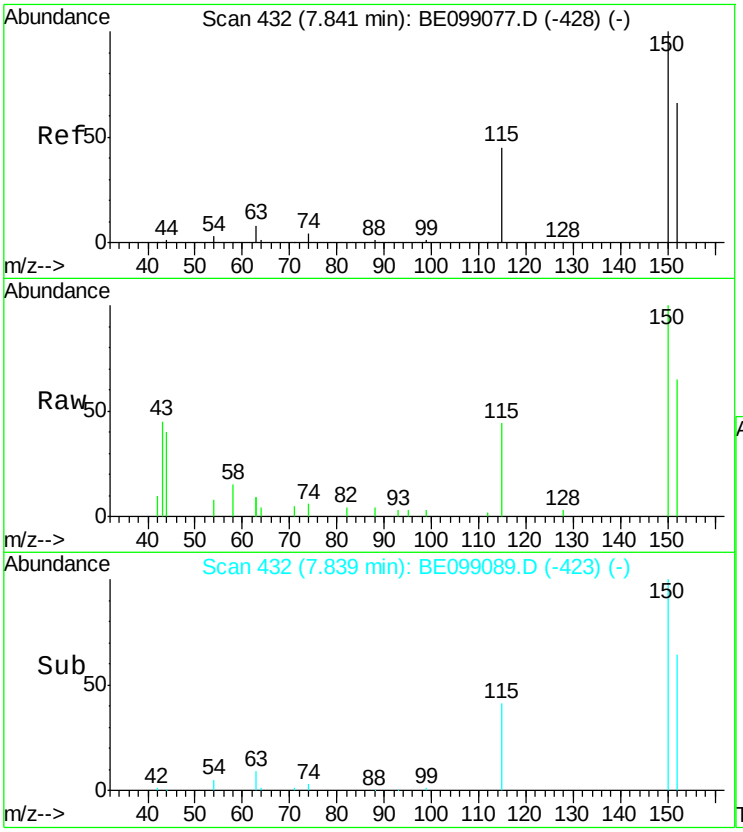


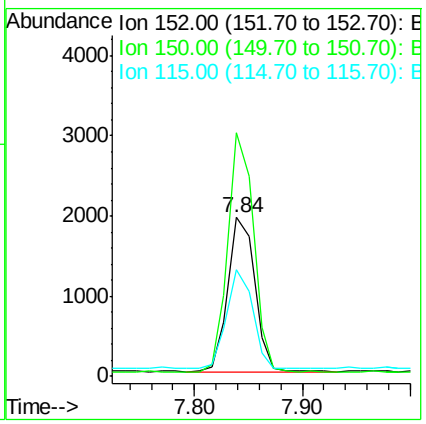


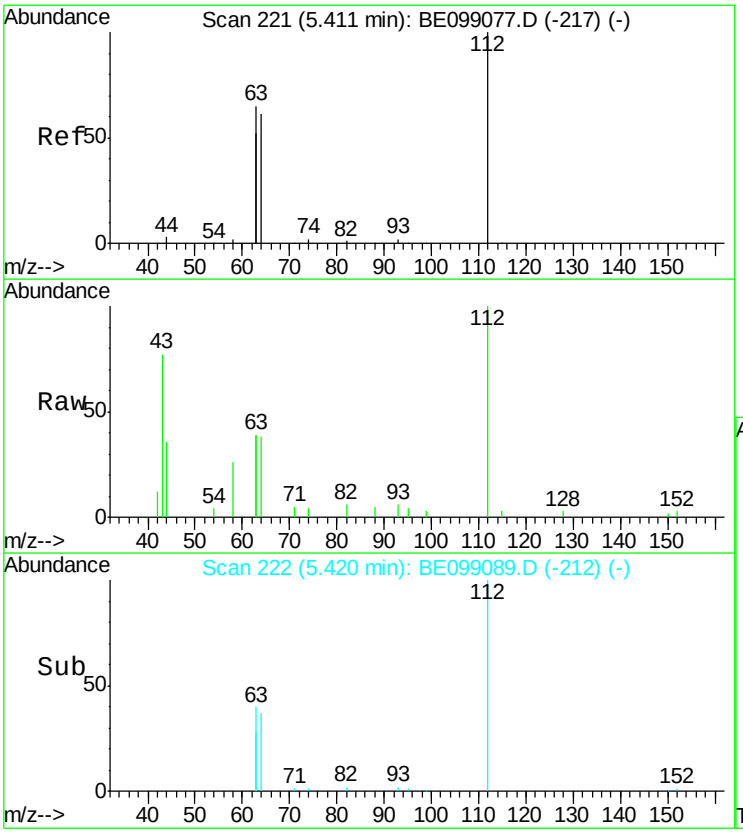
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:152 Resp: 3322

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.5	183.7
115	67.4	57.4	86.2

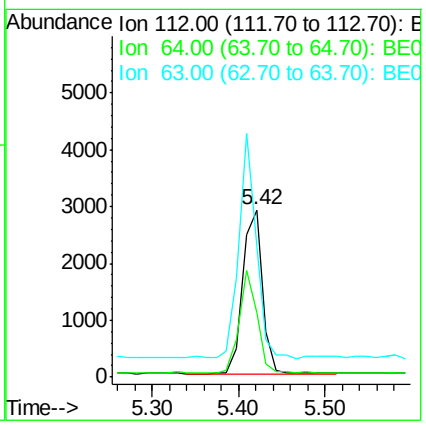


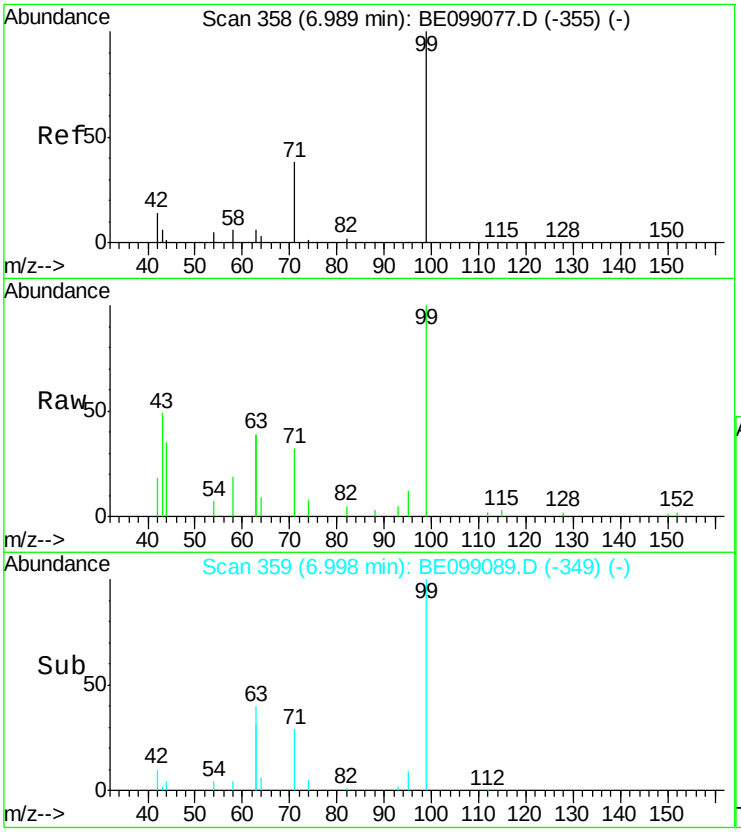


#4
2-Fluorophenol
Concen: 0.468 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.01 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:112 Resp: 4627

Ion	Ratio	Lower	Upper
112	100		
64	55.8	57.9	86.9#
63	119.6	158.3	237.5#



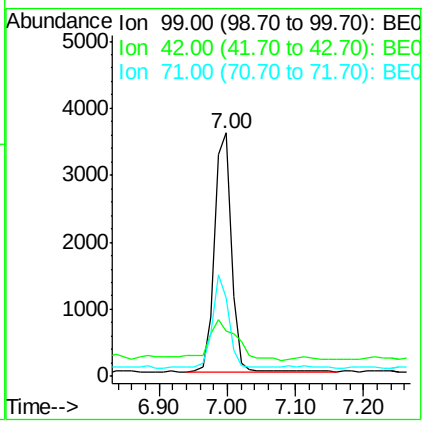


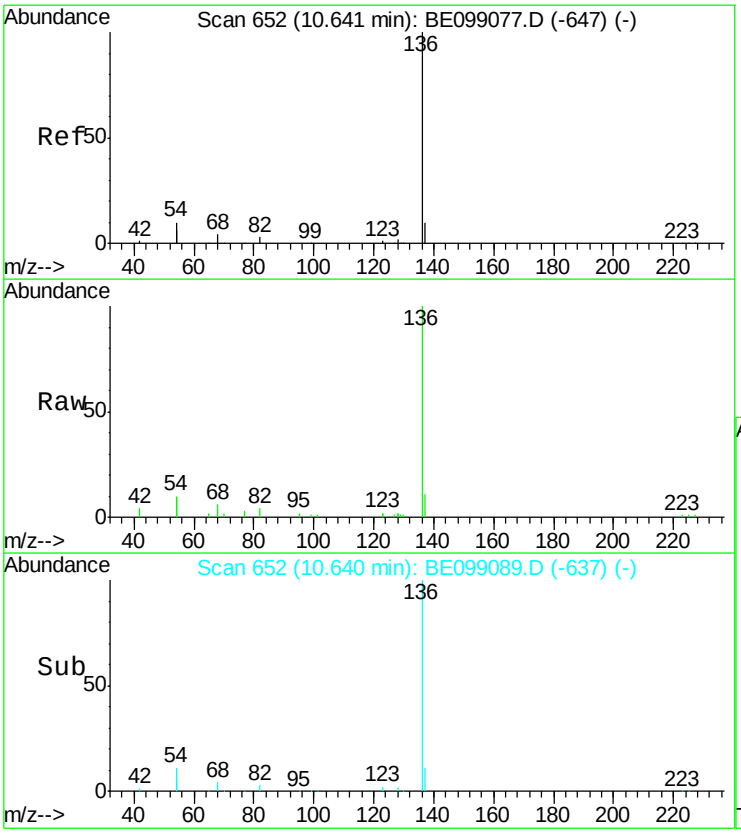
#5
Phenol-d6
Concen: 0.442 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion: 99 Resp: 6301

Ion	Ratio	Lower	Upper
99	100		
42	28.4	24.2	36.2
71	37.3	35.7	53.5

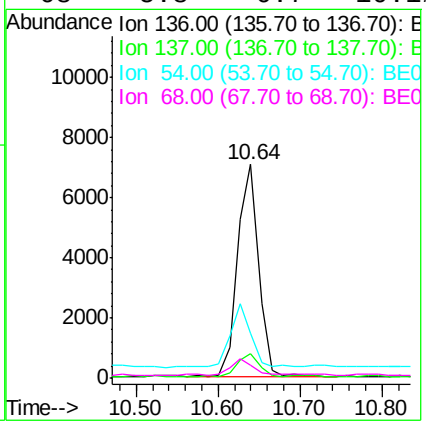


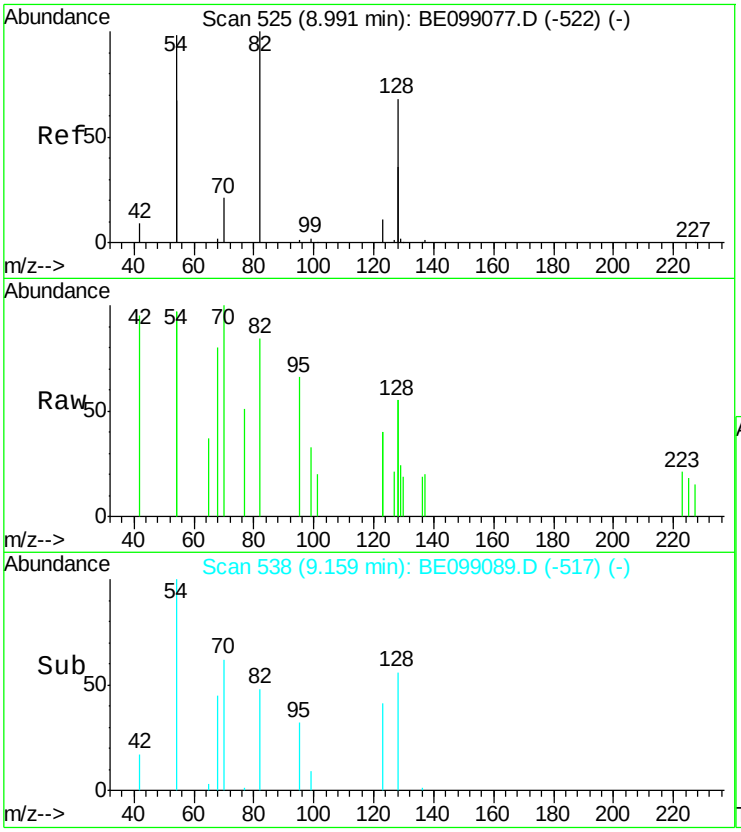


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:136 Resp: 12490

Ion	Ratio	Lower	Upper
136	100		
137	11.4	11.4	17.0#
54	20.8	39.3	58.9#
68	5.8	6.7	10.1#



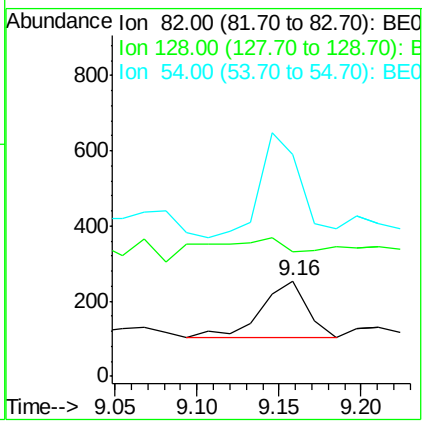


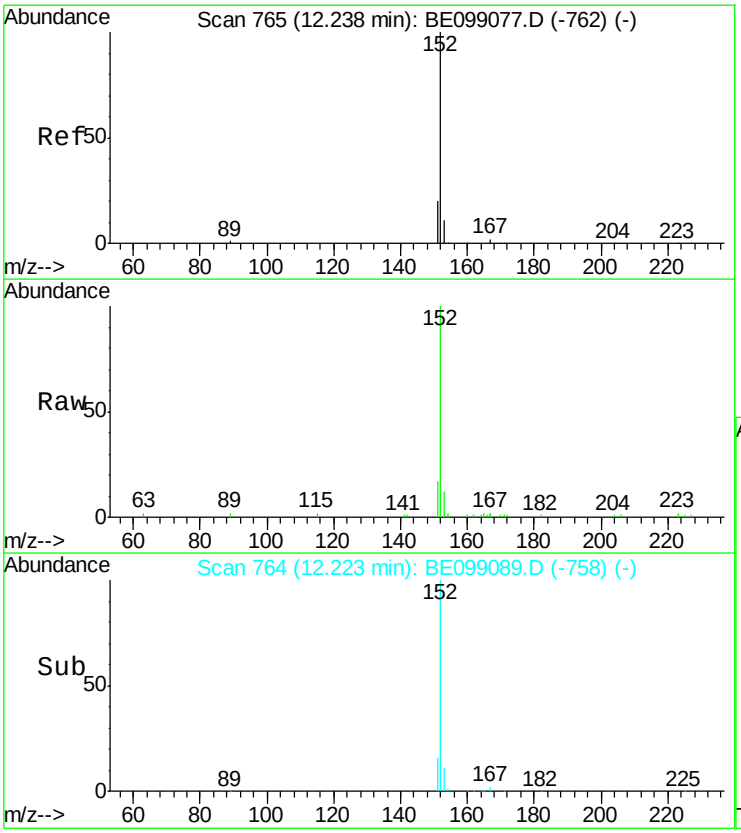
#8
Nitrobenzene-d5
Concen: 0.053 ng
RT: 9.16 min Scan# 538
Delta R.T. 0.17 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion: 82 Resp: 291

Ion	Ratio	Lower	Upper
82	100		
128	130.7	123.8	185.8
54	232.3	203.4	305.2

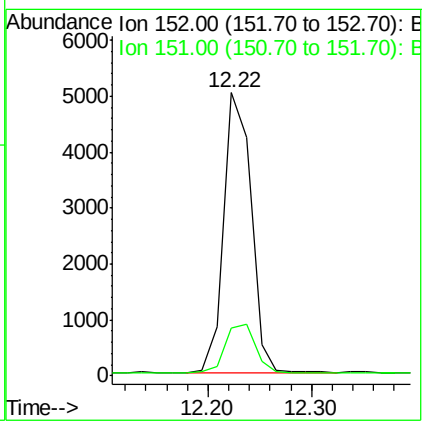


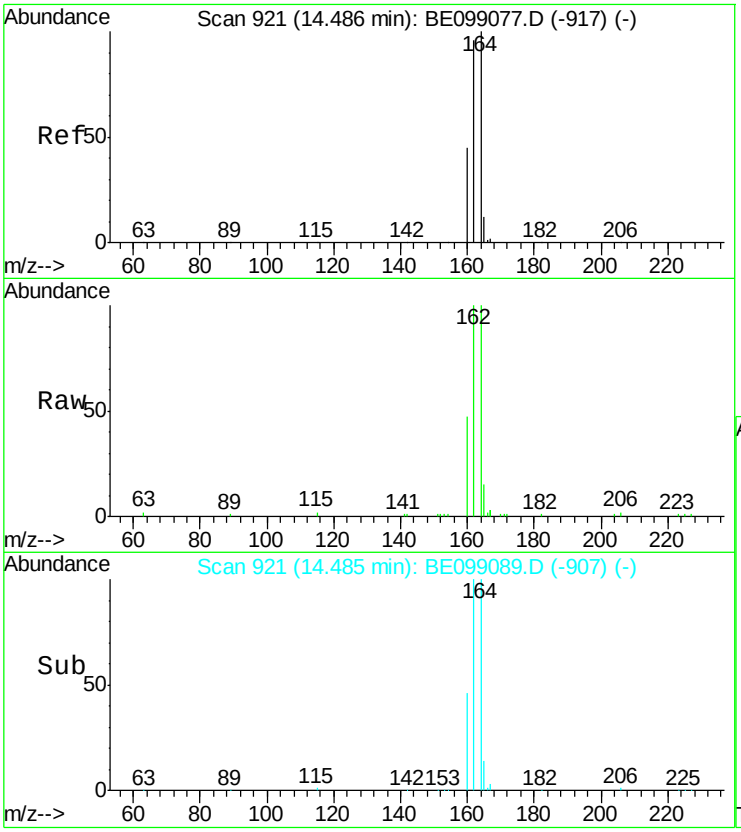


#11
2-Methylnaphthalene-d10
Concen: 0.408 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:152 Resp: 9178

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7



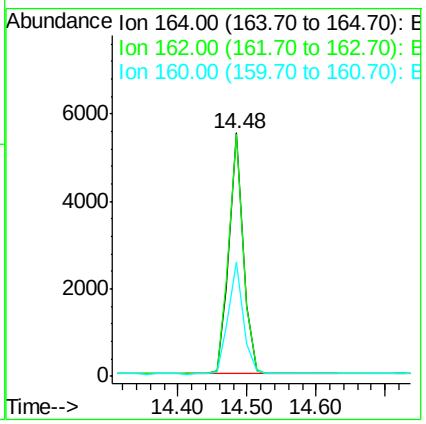


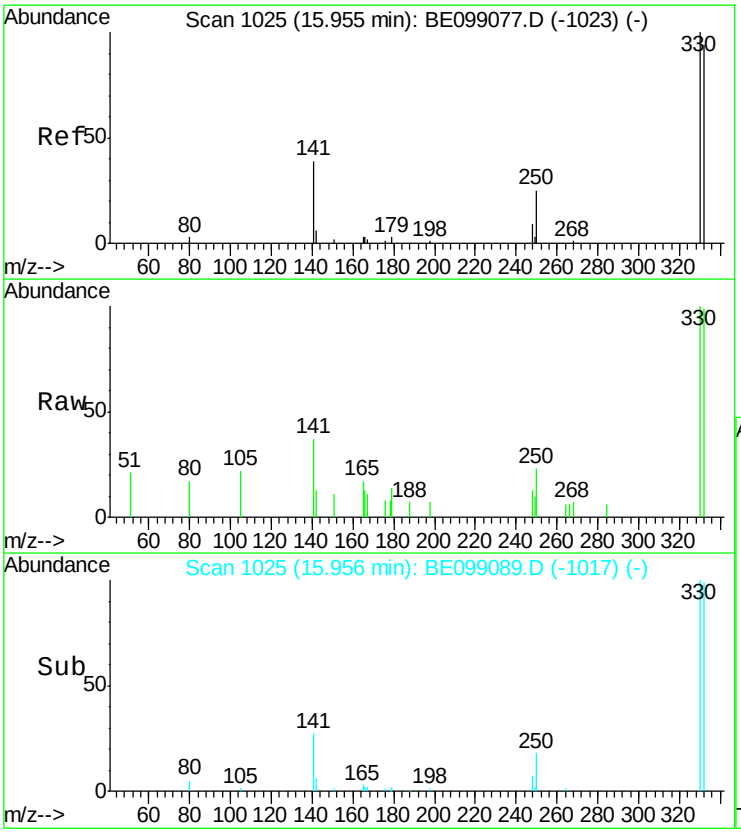
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:164 Resp: 7990

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	47.0	37.8	56.8

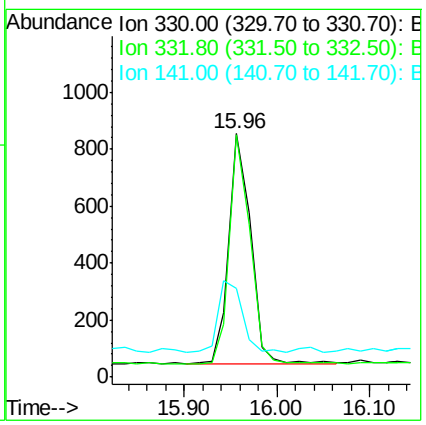


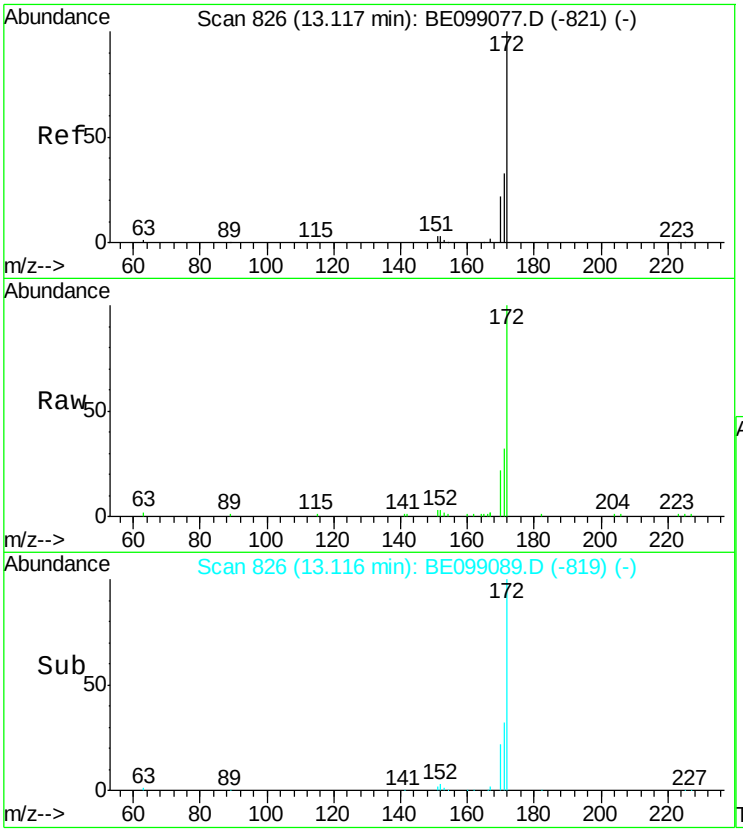


#14
2,4,6-Tribromophenol
Concen: 0.552 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:330 Resp: 1296

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.6	116.4
141	34.5	31.0	46.4



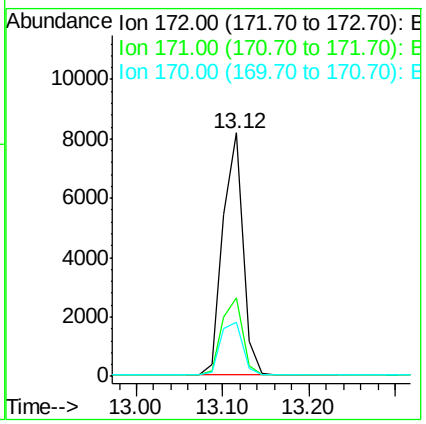


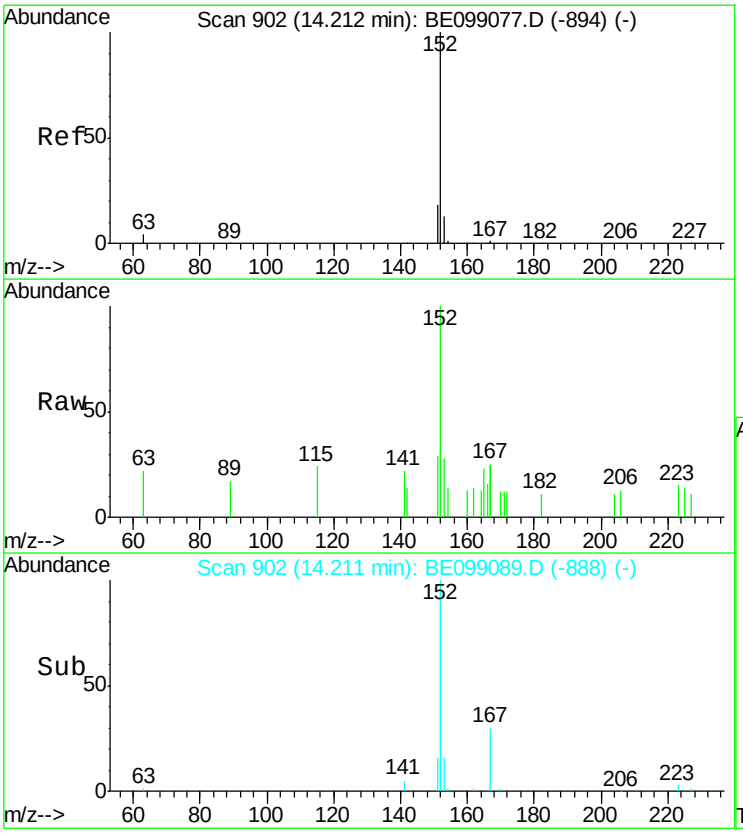
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:172 Resp: 13065

Ion	Ratio	Lower	Upper
172	100		
171	32.3	28.0	42.0
170	22.5	17.7	26.5

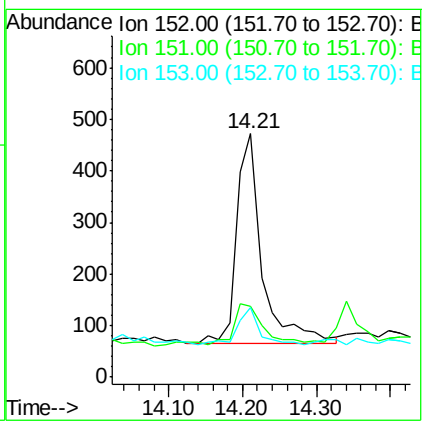


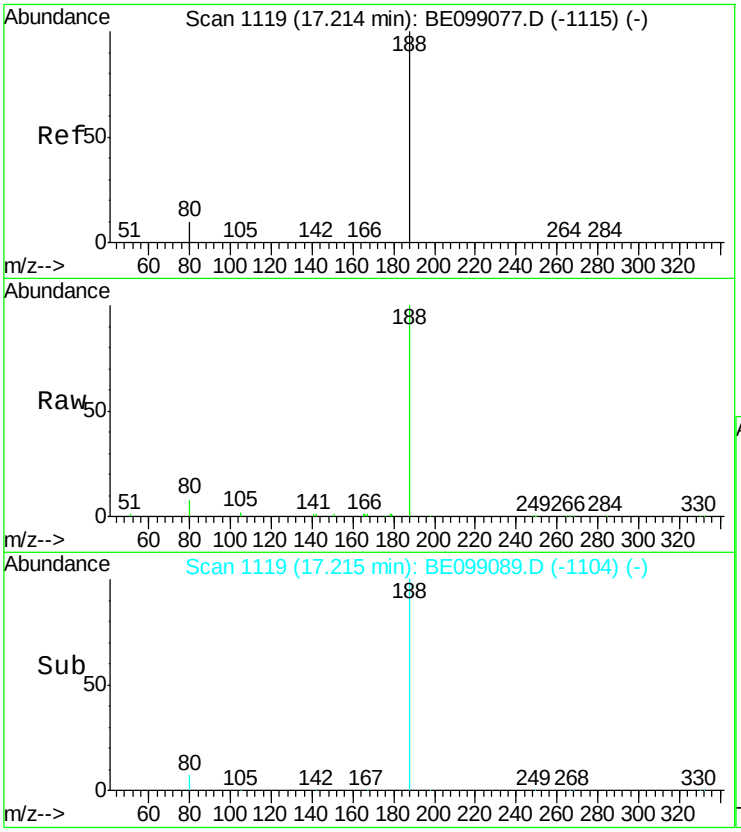


#16
Acenaphthylene
Concen: 0.023 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:152 Resp: 984

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.6
153	15.9	11.2	16.8



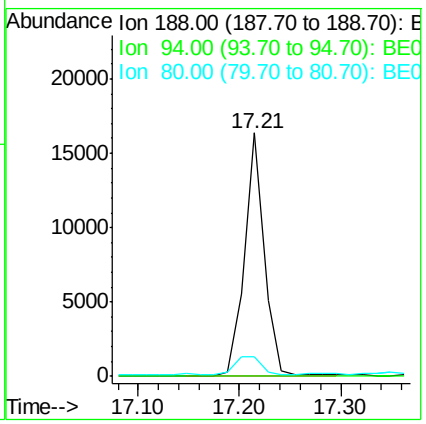


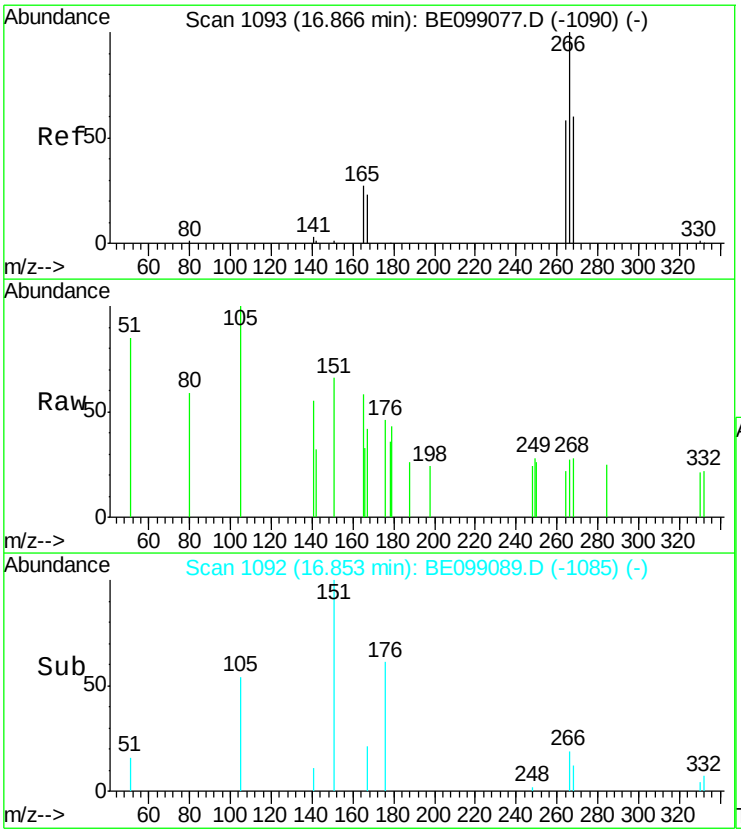
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:188 Resp: 22089

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	6.3	9.5

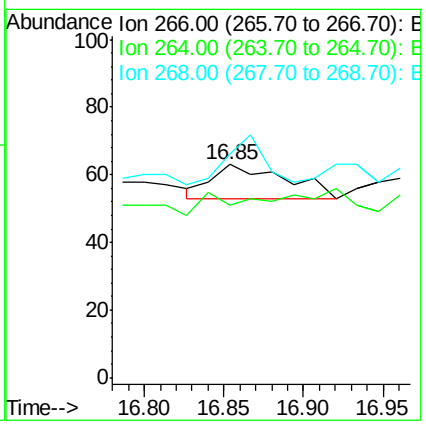


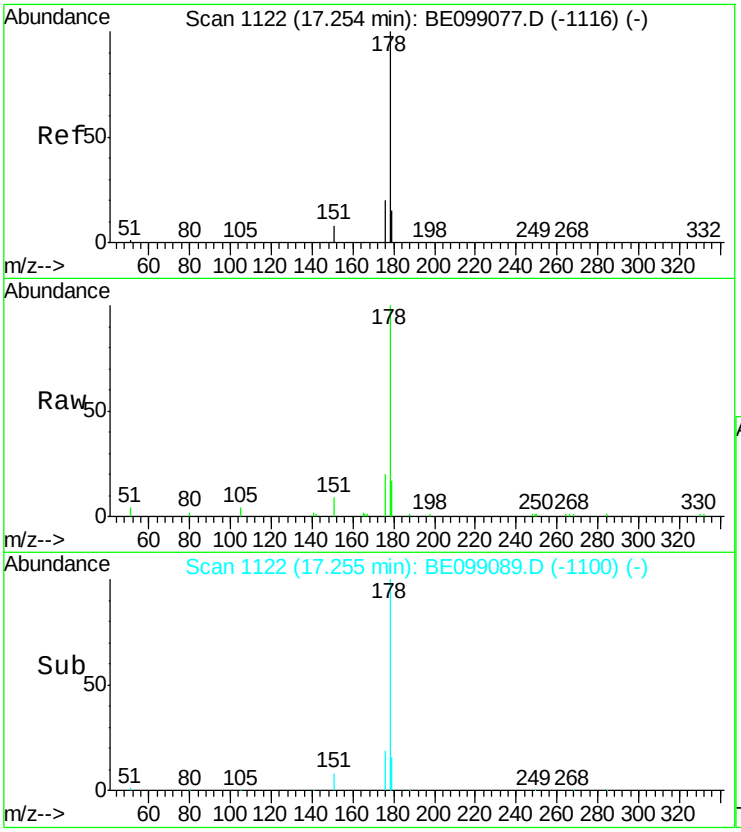


#22
Pentachlorophenol
Concen: 0.258 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:266 Resp: 32

Ion	Ratio	Lower	Upper
266	100		
264	81.0	66.6	100.0
268	104.8	69.8	104.8#



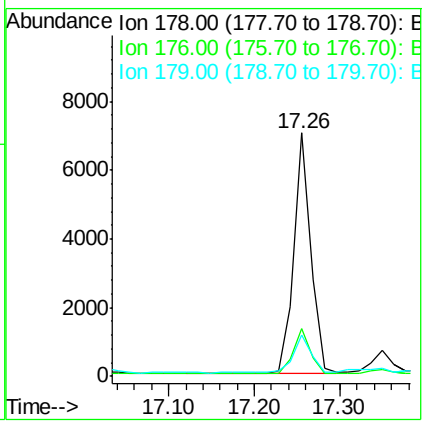


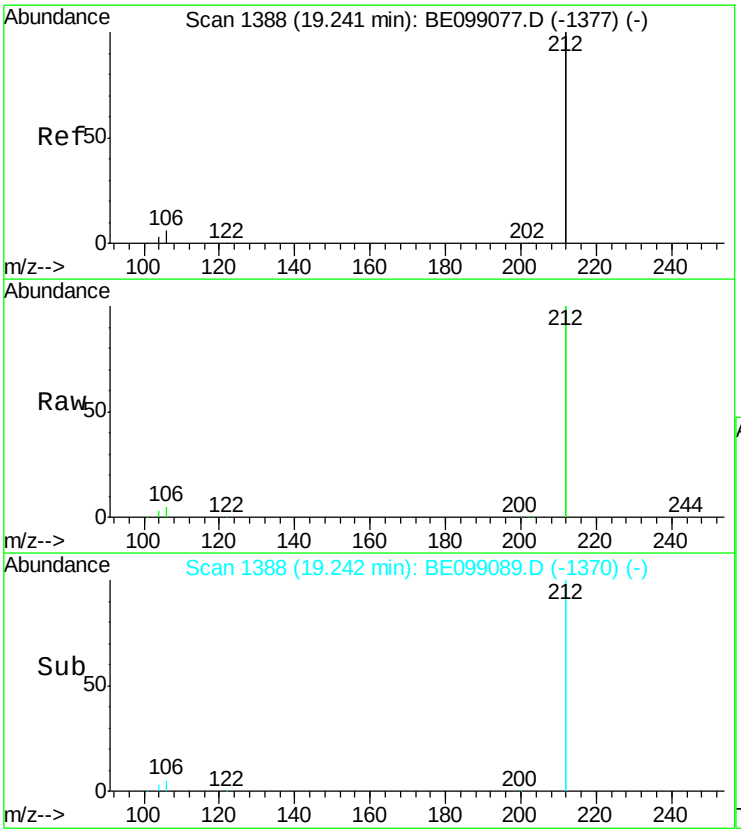
#23
Phenanthrene
Concen: 0.147 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:178 Resp: 9662

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	16.4	12.1	18.1

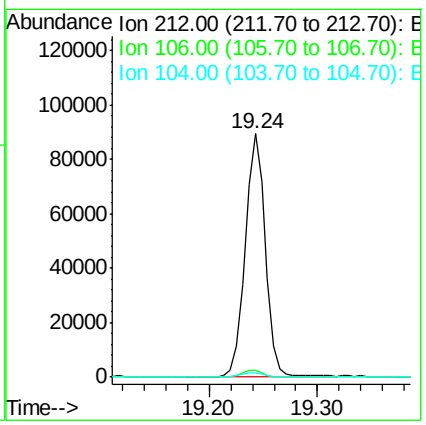


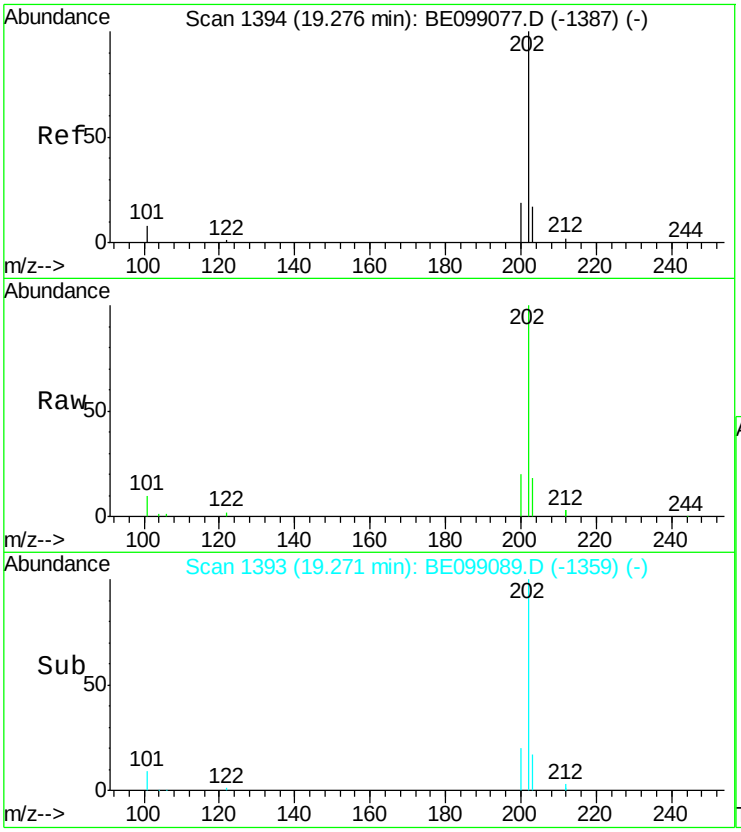


#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:212 Resp: 113916

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



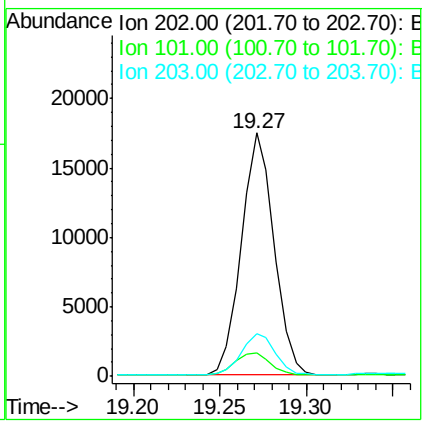


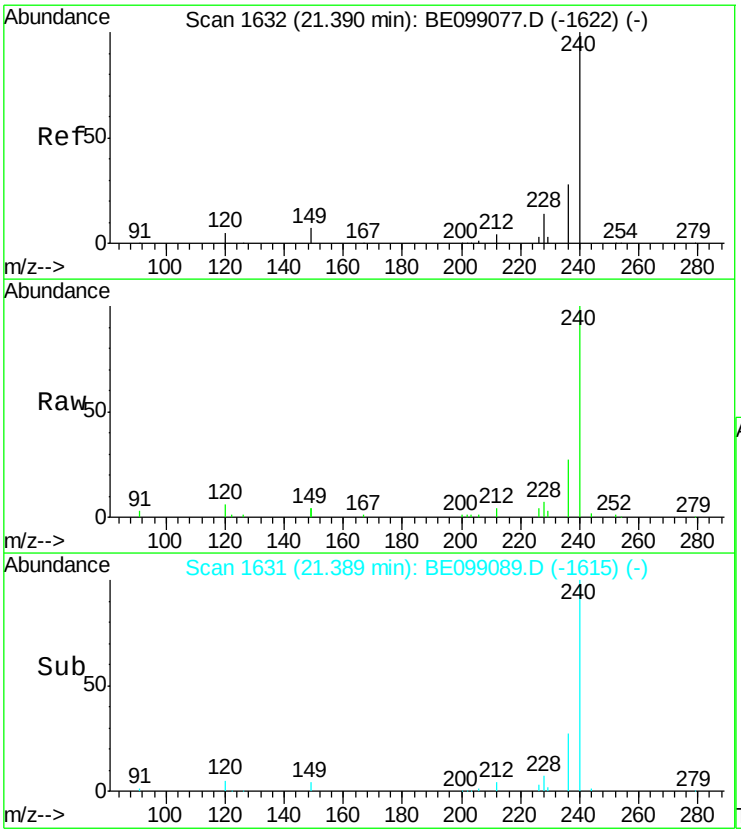
#26
Fluoranthene
Concen: 0.248 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:202 Resp: 22876

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.3	10.9
203	17.0	13.4	20.2

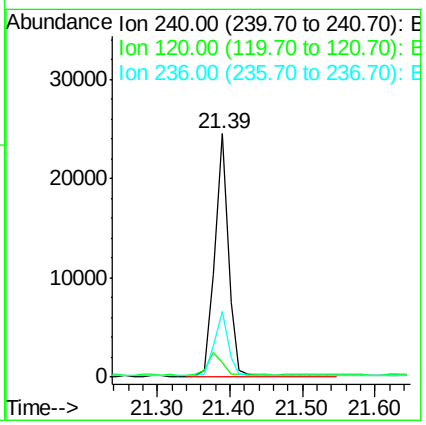


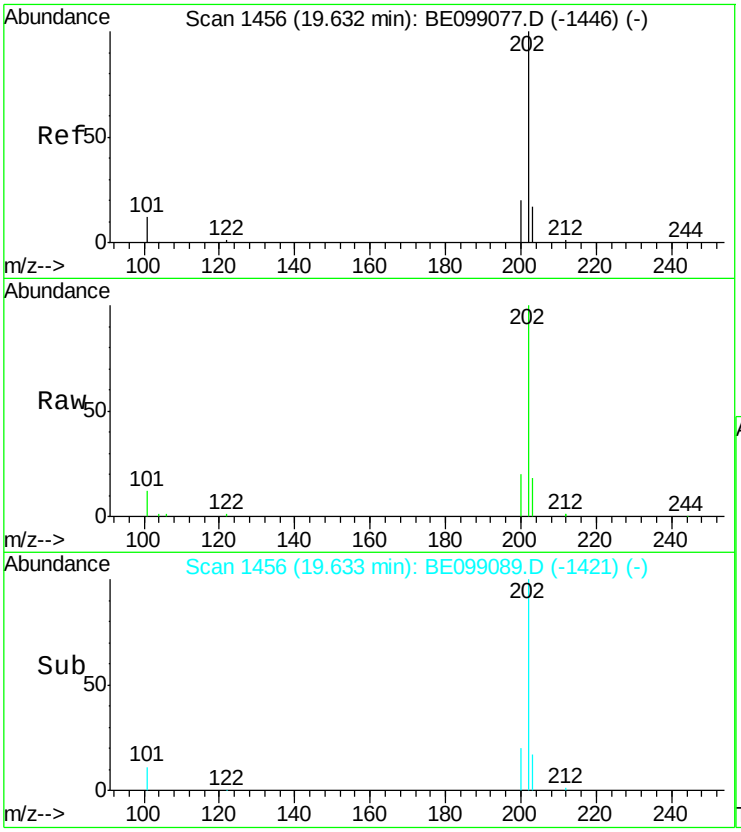


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:240 Resp: 31949

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.0	7.4
236	26.9	22.7	34.1



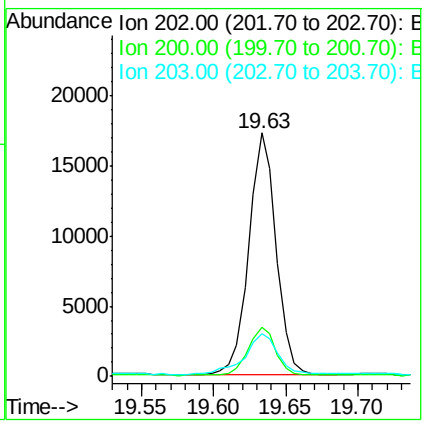


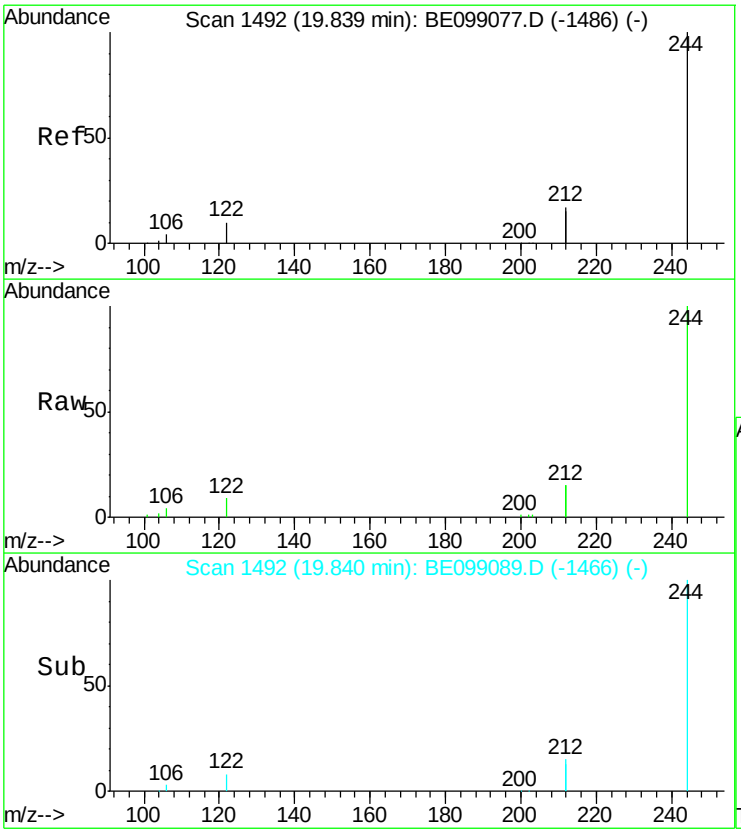
#28
Pyrene
Concen: 0.213 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:202 Resp: 23058

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	20.4	14.2	21.2

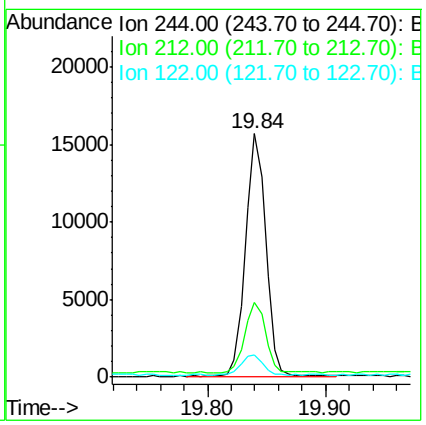


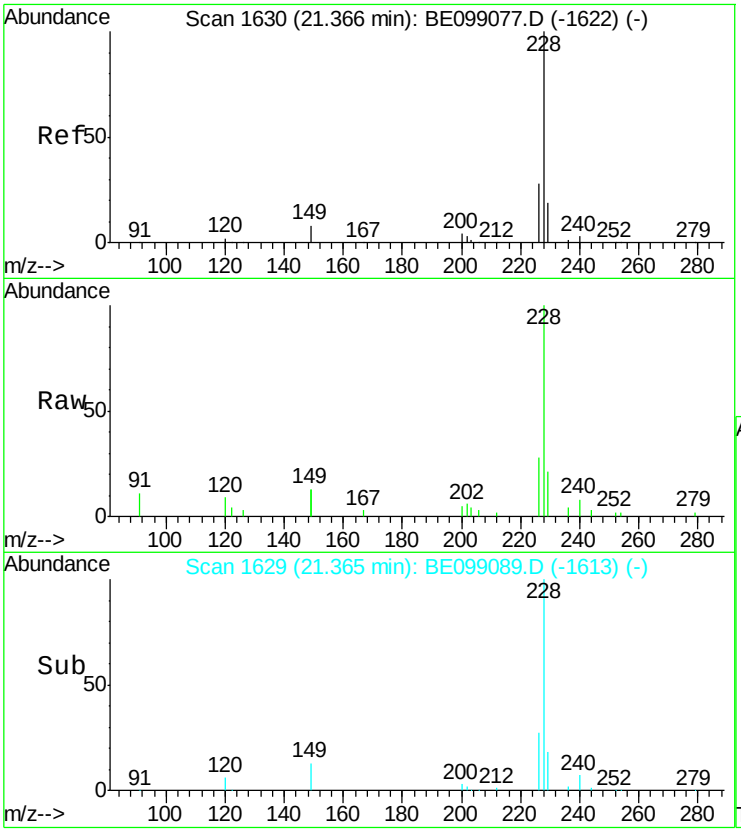


#29
Terphenyl-d14
Concen: 0.275 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:244 Resp: 18576

Ion	Ratio	Lower	Upper
244	100		
212	30.6	29.4	44.2
122	9.2	7.1	10.7



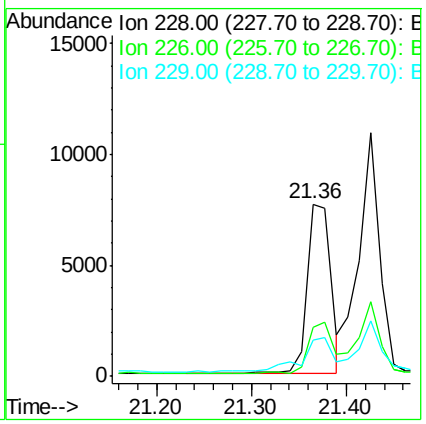


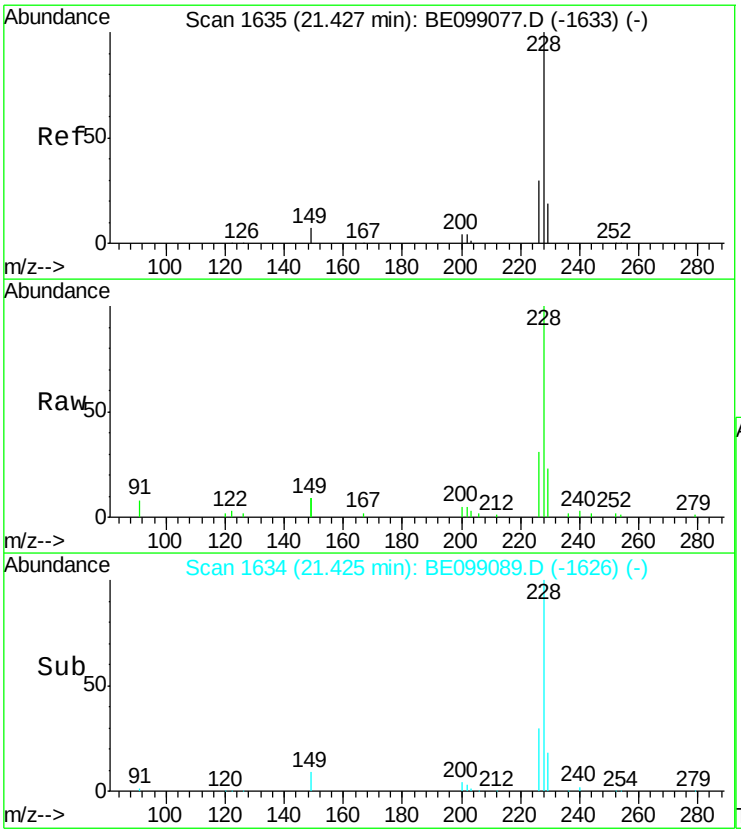
#30
Benzo(a)anthracene
Concen: 0.118 ng
RT: 21.36 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:228 Resp: 13318

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	21.4	16.5	24.7

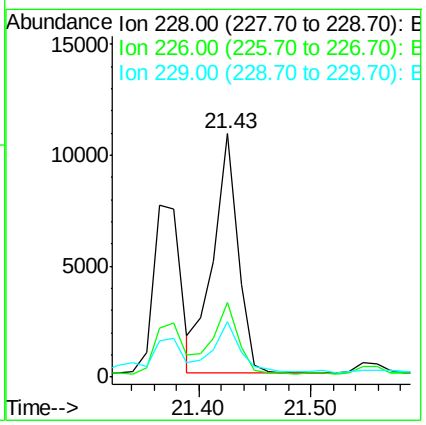


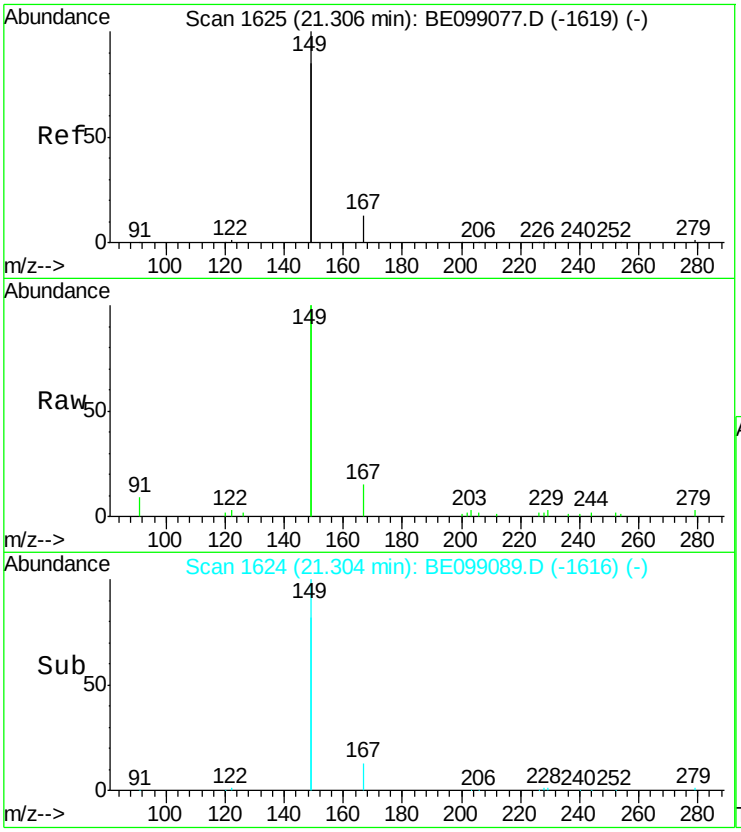


#31
Chrysene
Concen: 0.148 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:228 Resp: 16610

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.7	35.5
229	22.7	16.1	24.1



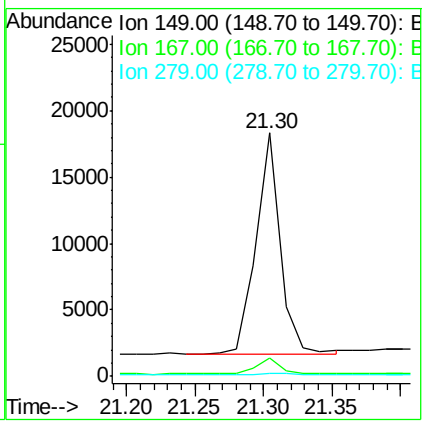


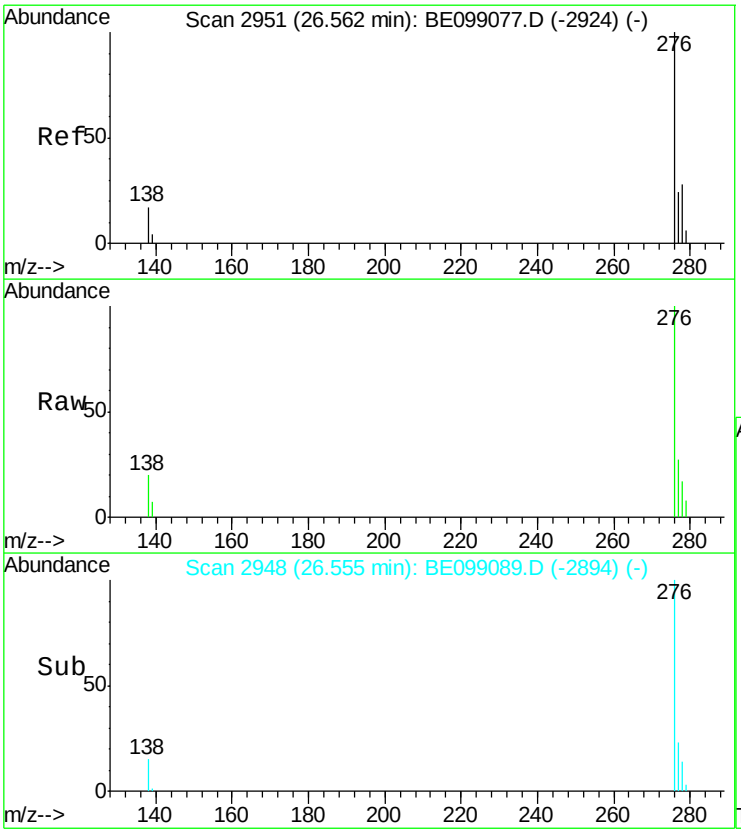
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.140 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:149 Resp: 20489

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.0	1.0	1.4

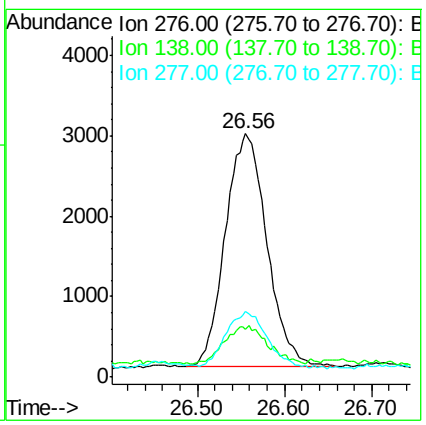


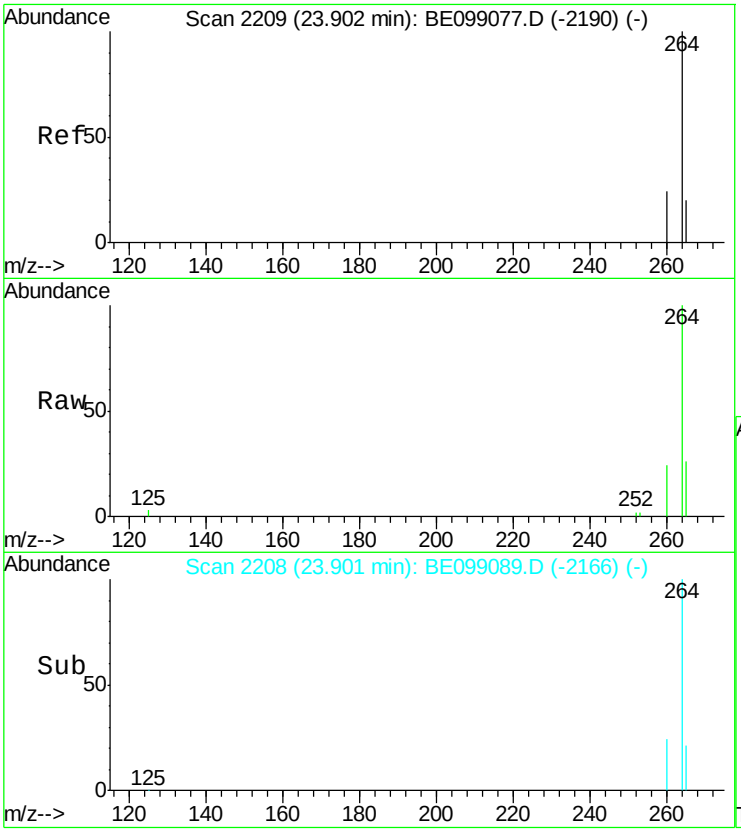


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng
RT: 26.56 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:276 Resp: 9587

Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.8	20.8
277	23.9	19.5	29.3



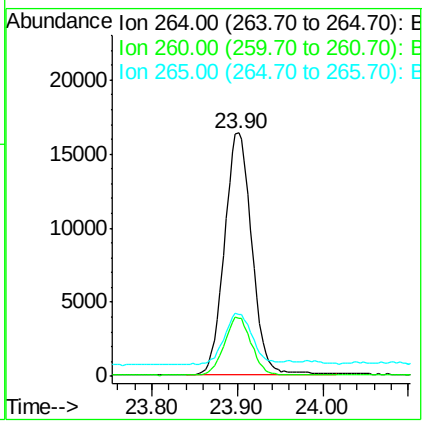


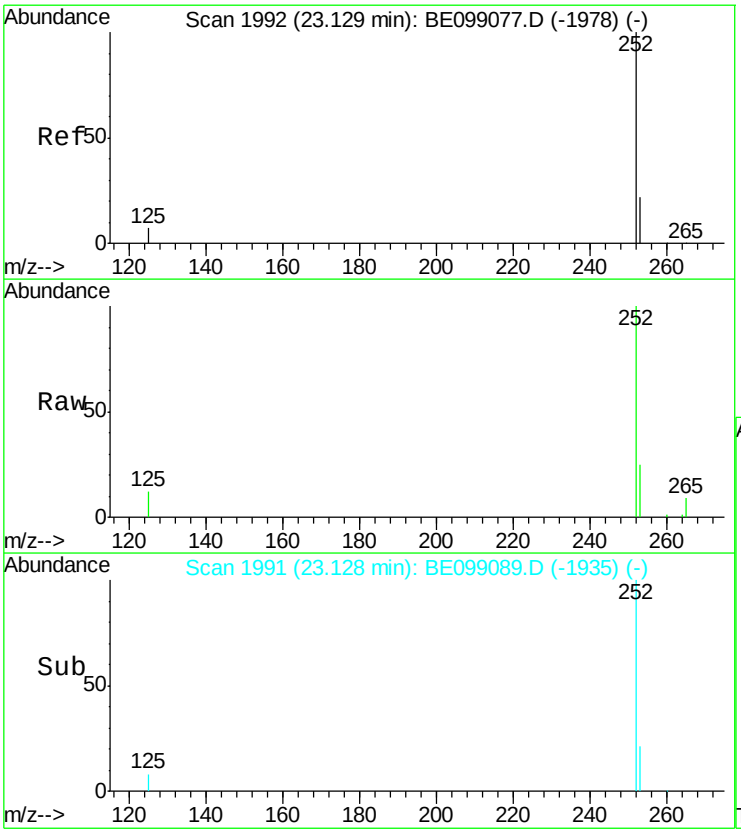
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:264 Resp: 36536

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.2	31.8
265	25.6	24.6	36.8

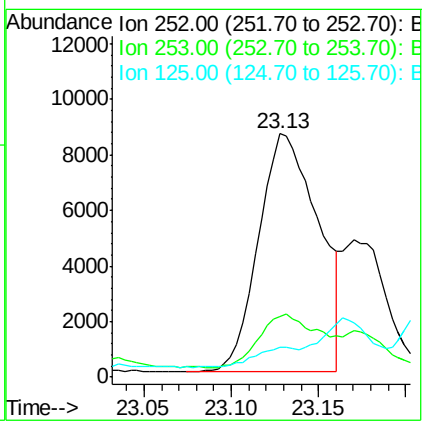


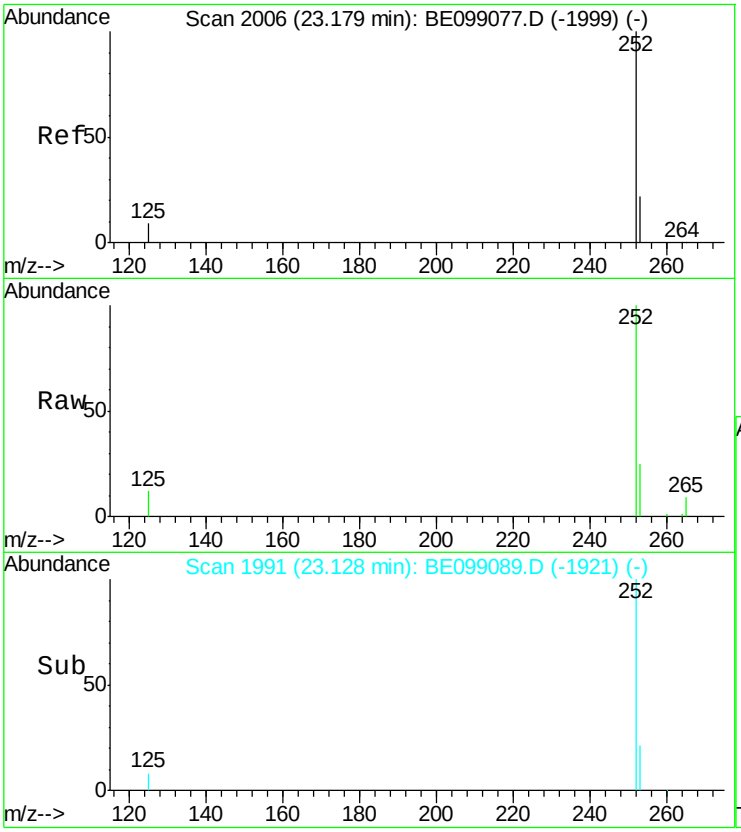


#35
Benzo(b)fluoranthene
Concen: 0.162 ng
RT: 23.13 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:252 Resp: 20416

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	12.4	7.3	10.9#



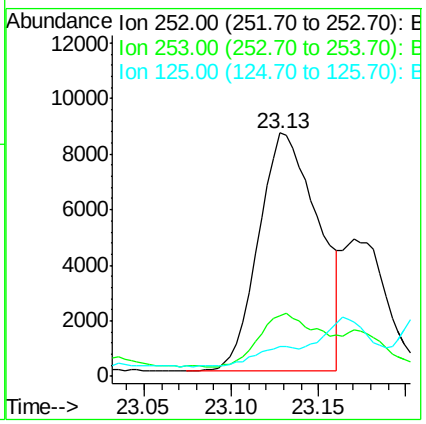


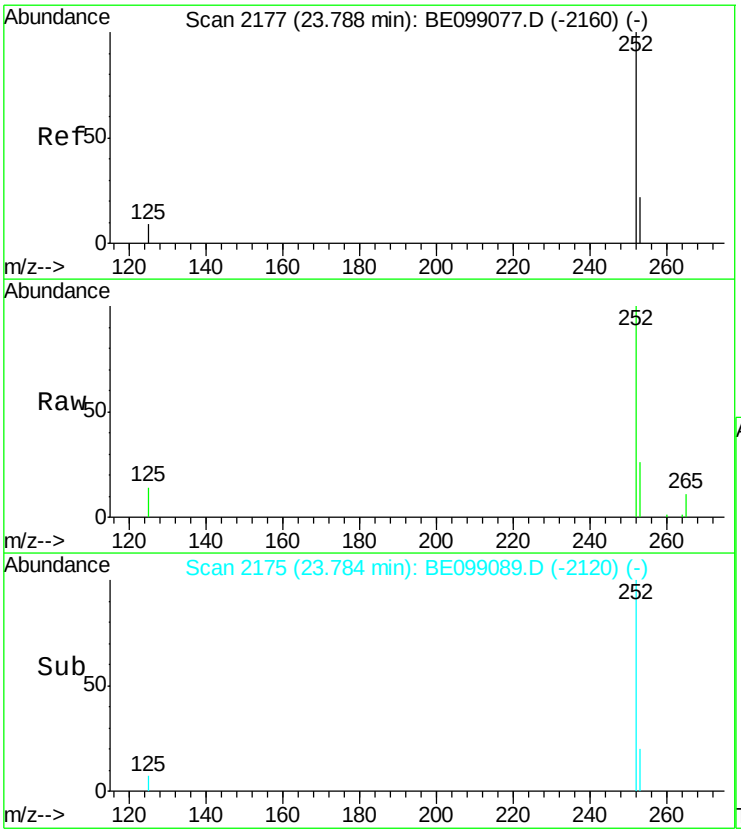
#36
Benzo(k)fluoranthene
Concen: 0.165 ng
RT: 23.13 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:252 Resp: 20416

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.3	28.9
125	12.4	7.5	11.3#

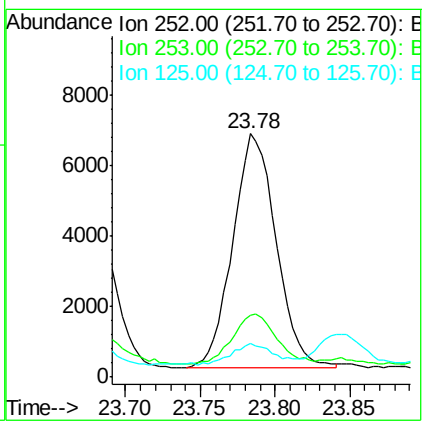


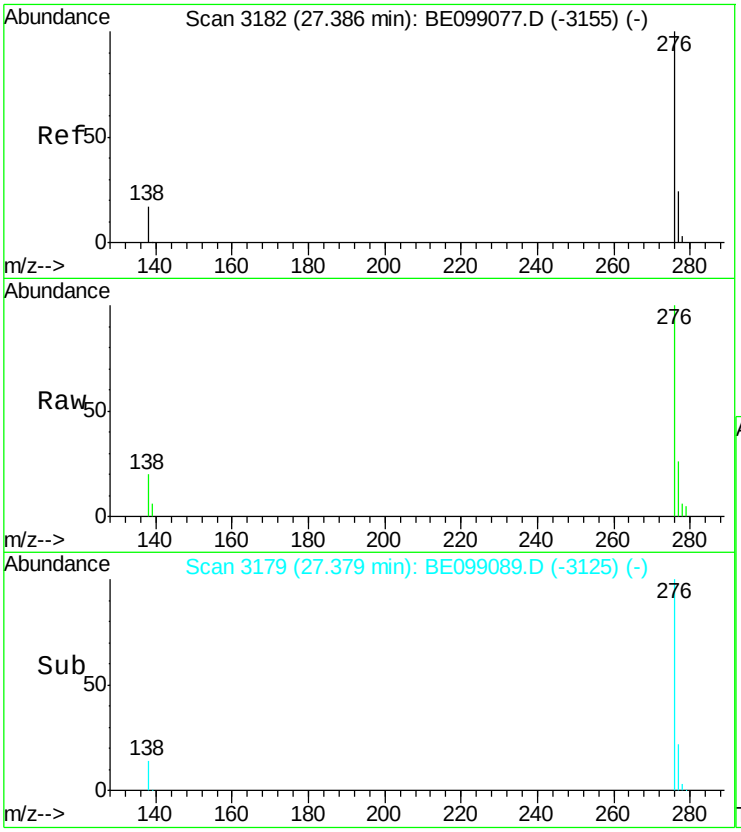


#37
Benzo(a)pyrene
Concen: 0.115 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion:252 Resp: 13457

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	13.6	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.083 ng
RT: 27.38 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion:276 Resp: 9675

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	20.1	13.6	20.4