Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011720\

Quantitation Report (Not Reviewed)

Data File : BE101089.D
Acq On : 17 Jan 2020 17:45
Operator : JU
Sample : L1167-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PF-1

Quant Time: Jan 17 23:20:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1106	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	4551	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	3956	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	12901	0.40	ng		0.00
27) Chrysene-d12	21.27	240	23567	0.40	ng		-0.01
34) Perylene-d12	23.68	264	23566	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	1452	0.58	ng		0.00
5) Phenol-d6	6.90	99	1861	0.59	ng		-0.02
8) Nitrobenzene-d5	8.87	82	1276	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	3385	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	431	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	5749	0.38	ng		-0.02
25) Fluoranthene-d10	19.12	212	108521	0.61	ng		-0.01
29) Terphenyl-d14	19.72	244	23844	0.41	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.55	128	1741	0.034	ng	#	80
12) 2-Methylnaphthalene	12.18	142	373	0.049	ng	#	84
22) Pentachlorophenol	16.77	266	3	0.251	ng	#	68
23) Phenanthrene	17.13	178	999	0.028	ng	#	90
26) Fluoranthene	19.15	202	2756	0.062	ng		100
28) Pyrene	19.51	202	3493	0.040	ng		97
30) Benzo(a)anthracene	21.26	228	2501	0.037	ng	#	84
31) Chrysene	21.31	228	3086	0.031	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.19	149	14173	0.126	ng		99
35) Benzo(b)fluoranthene	22.95	252	1710	0.026	ng	#	39

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

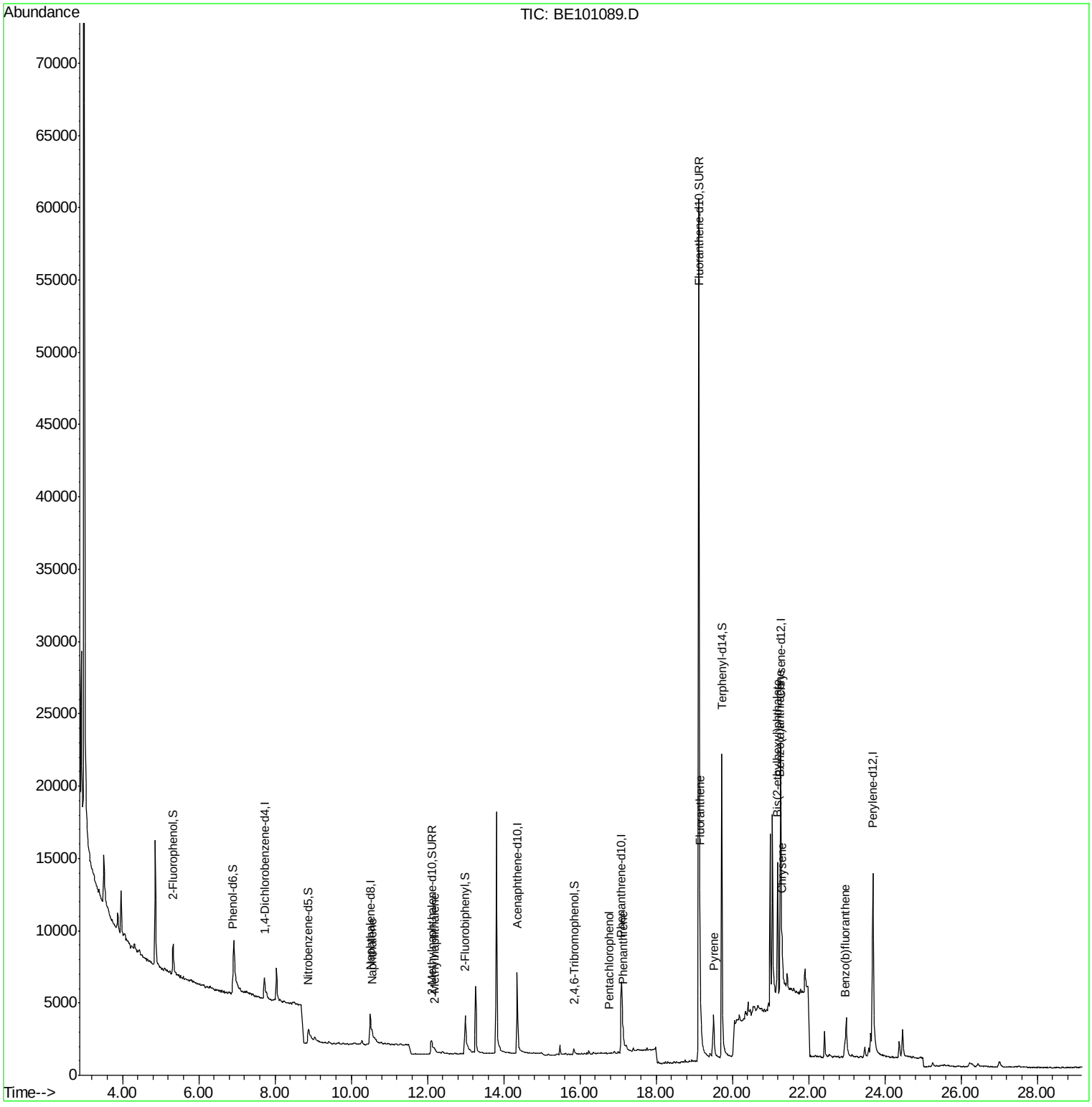
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011720\

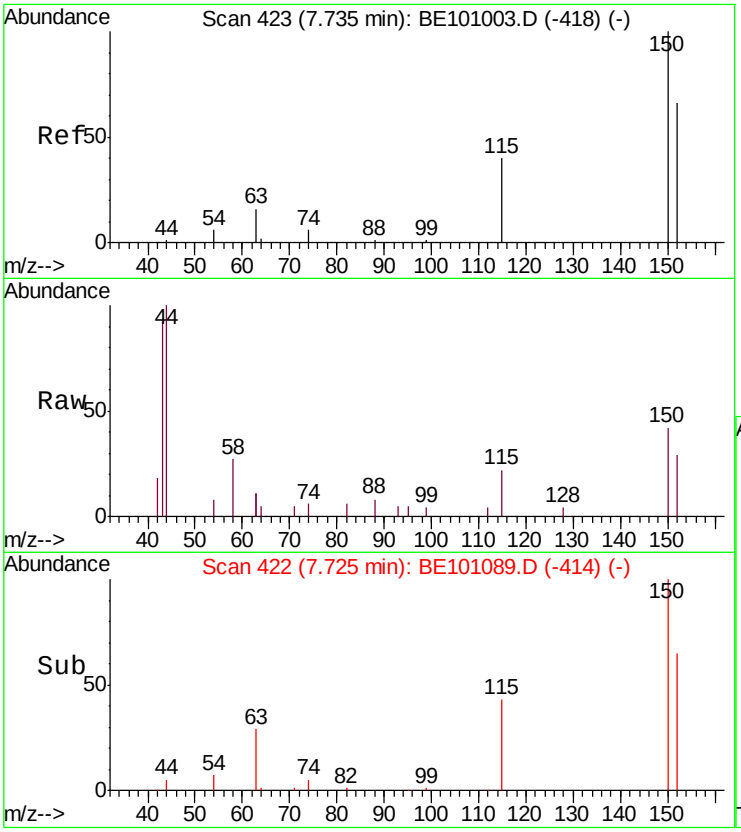
Quantitation Report (Not Reviewed)

Data File : BE101089.D
Acq On : 17 Jan 2020 17:45
Operator : JU
Sample : L1167-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PF-1

Quant Time: Jan 17 23:20:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



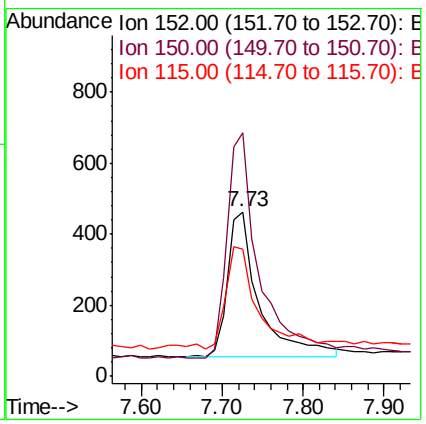


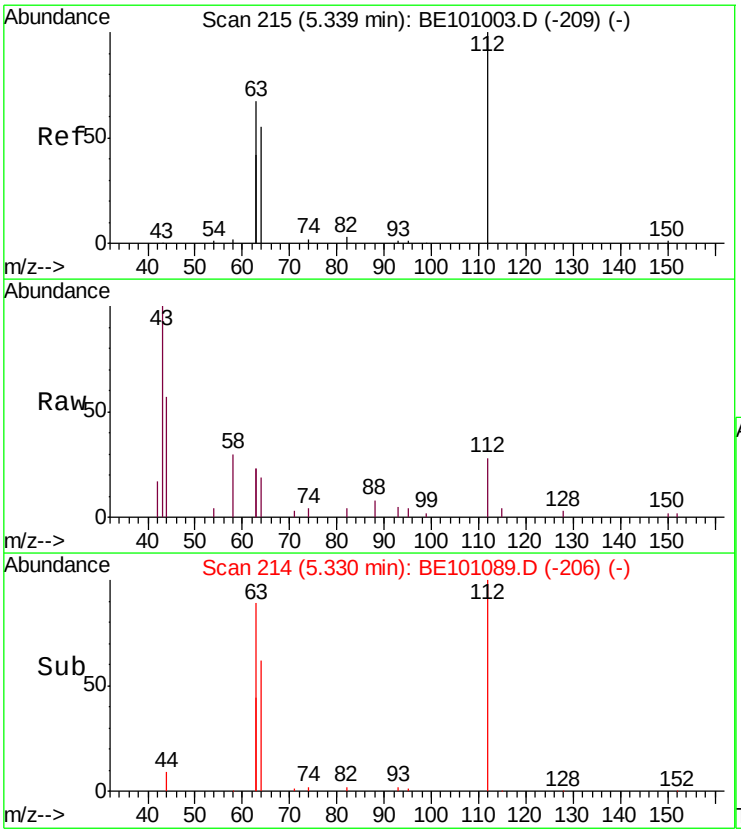
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:152 Resp: 1106

Ion	Ratio	Lower	Upper
152	100		
150	147.8	120.3	180.5
115	77.4	51.7	77.5

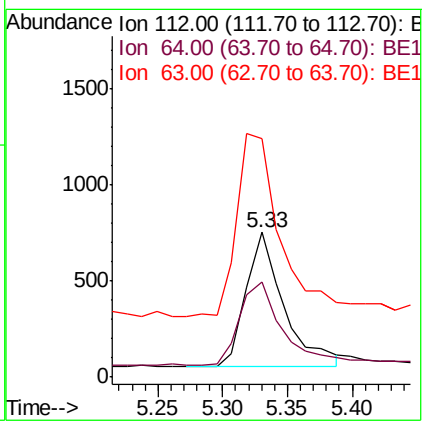


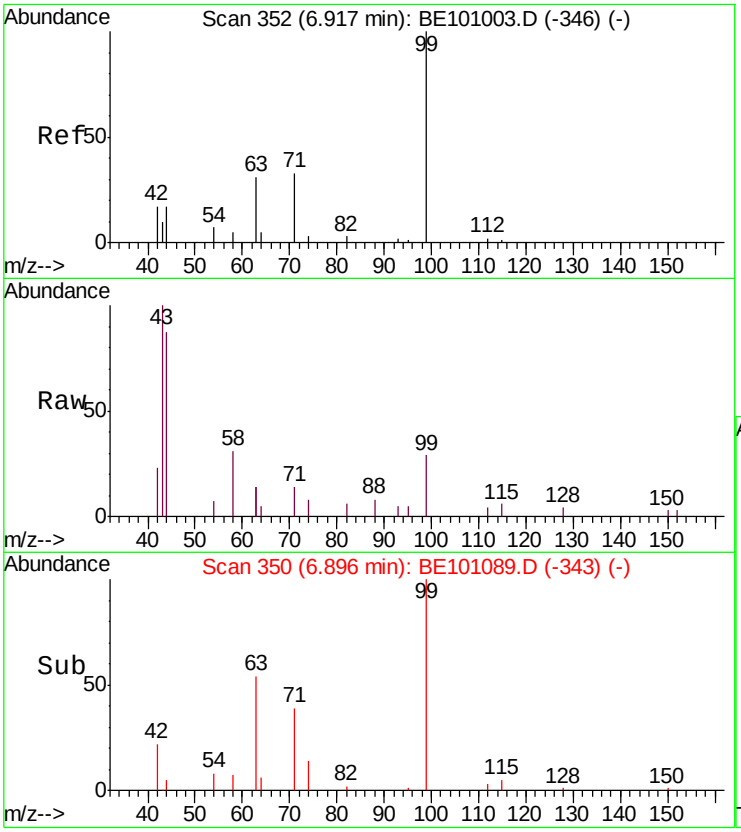


#4
2-Fluorophenol
Concen: 0.583 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:112 Resp: 1452

Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.6	80.4
63	151.8	114.6	172.0



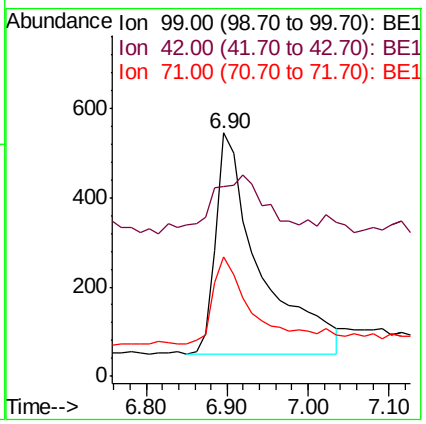


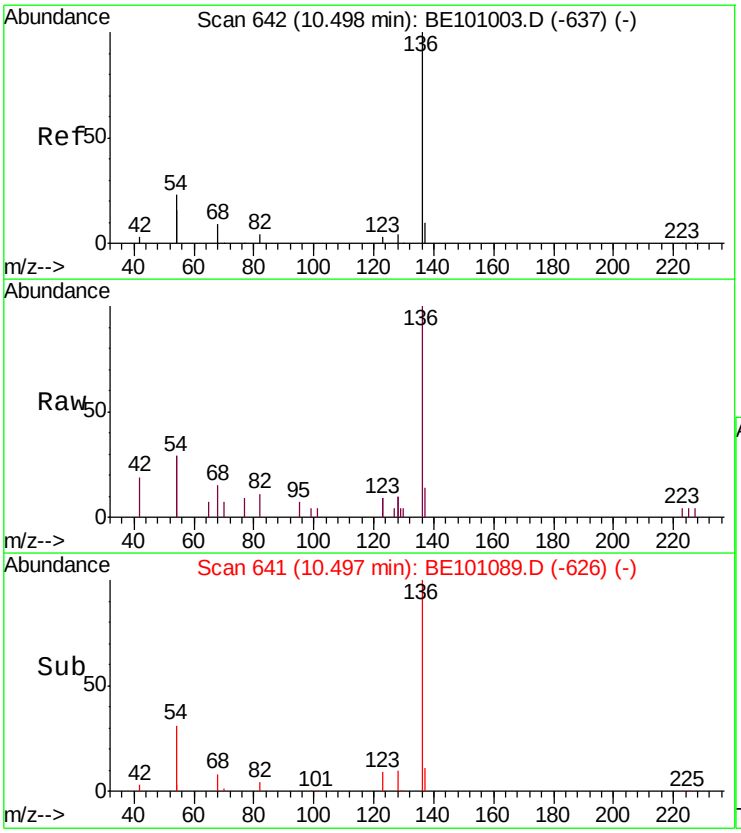
#5
Phenol-d6
Concen: 0.591 ng
RT: 6.90 min Scan# 350
Delta R.T. -0.02 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion: 99 Resp: 1861

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.3	27.5#
71	37.2	28.0	42.0

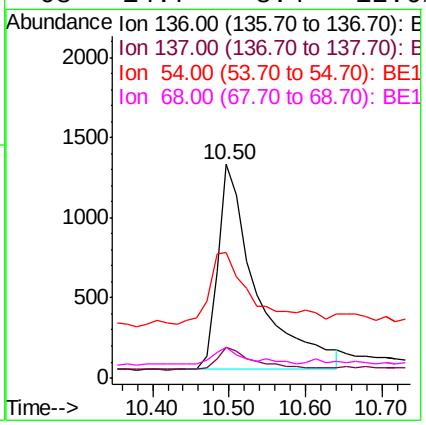


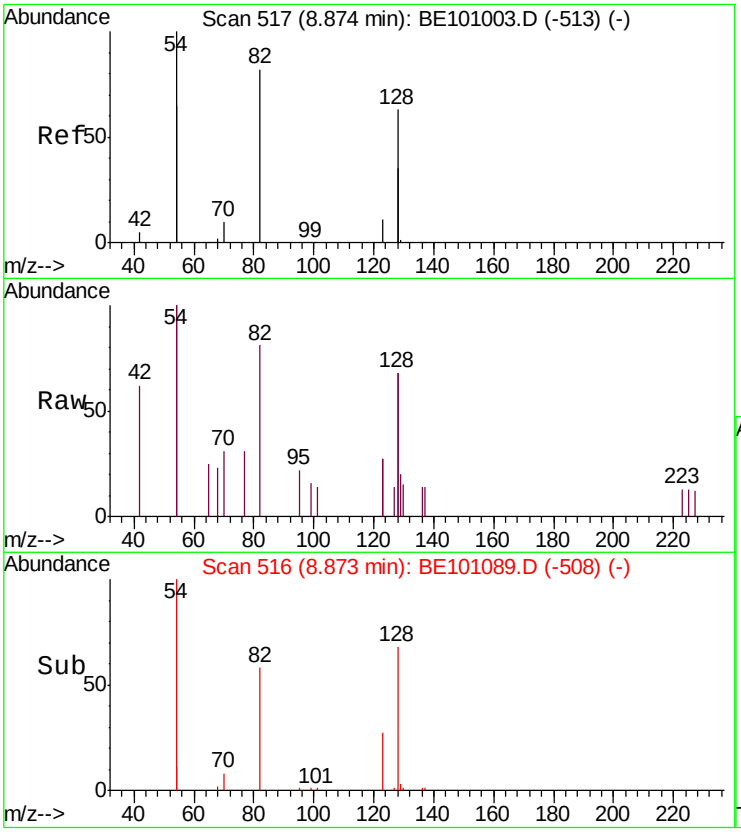


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 641
Delta R.T. -0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:136 Resp: 4551

Ion	Ratio	Lower	Upper
136	100		
137	14.4	9.3	13.9#
54	58.8	36.8	55.2#
68	14.7	8.4	12.6#



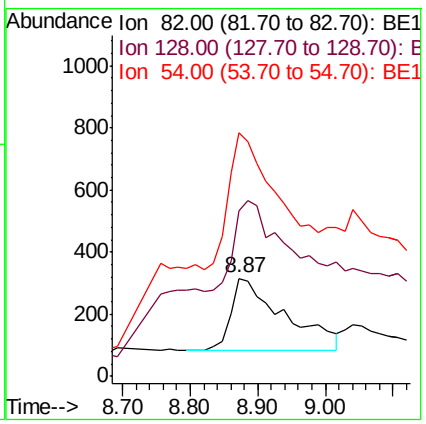


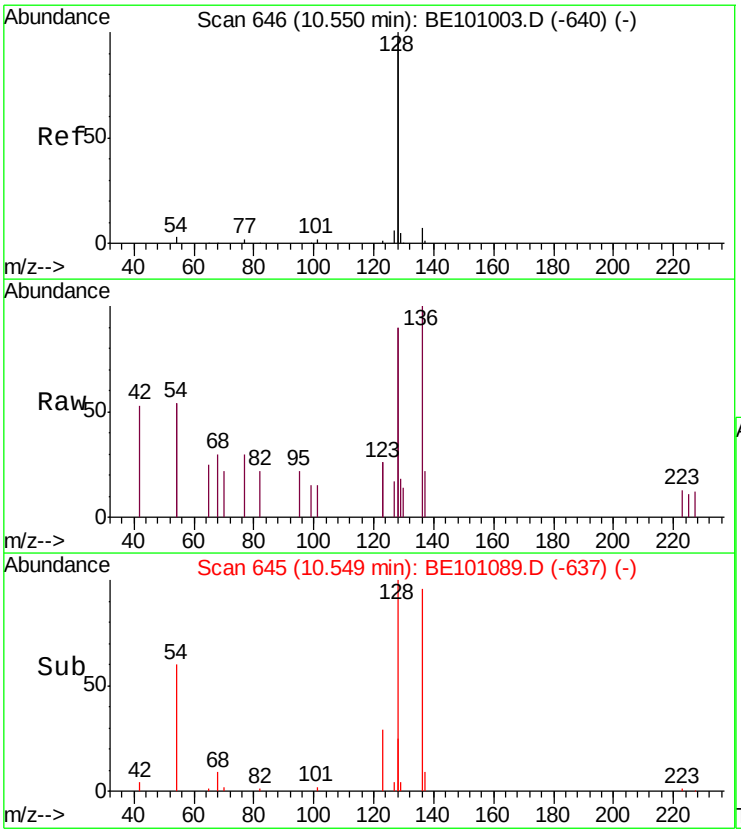
#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 8.87 min Scan# 516
Delta R.T. -0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion: 82 Resp: 1276

Ion	Ratio	Lower	Upper
82	100		
128	169.0	109.8	164.6#
54	248.1	174.5	261.7

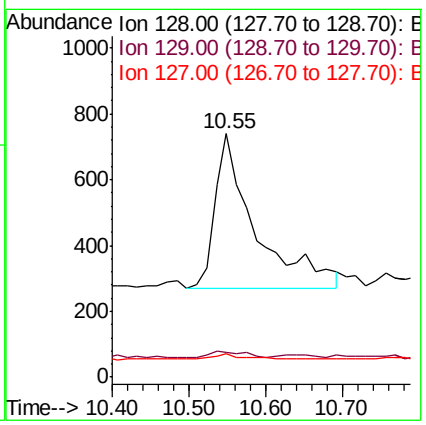


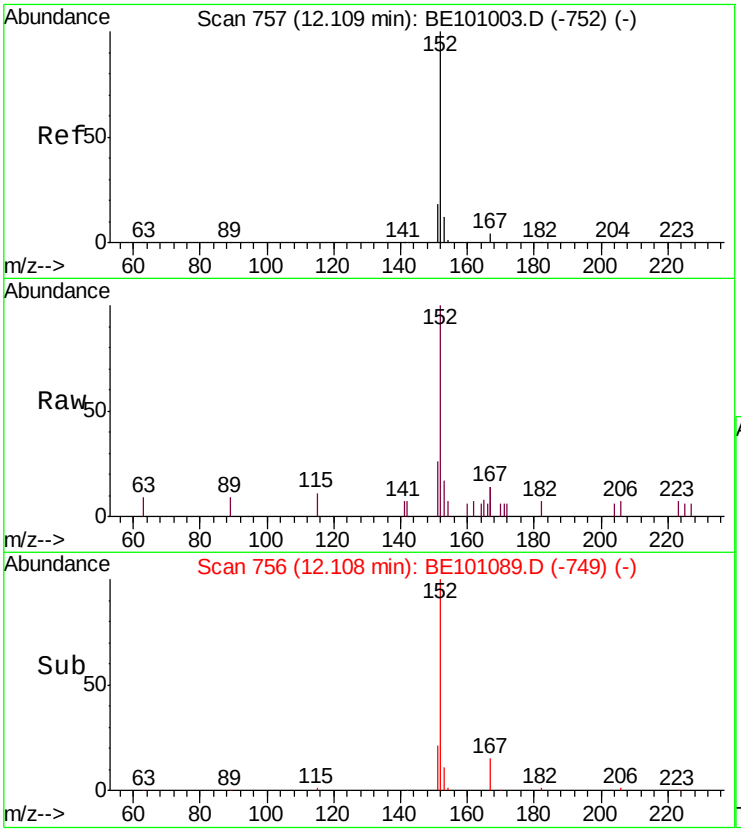


#9
Naphthalene
Concen: 0.034 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:128 Resp: 1741

Ion	Ratio	Lower	Upper
128	100		
129	10.0	2.3	3.5#
127	9.5	2.7	4.1#



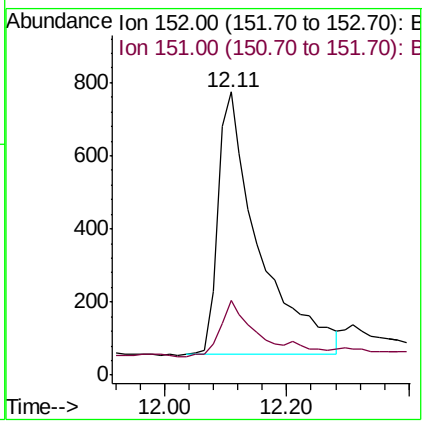


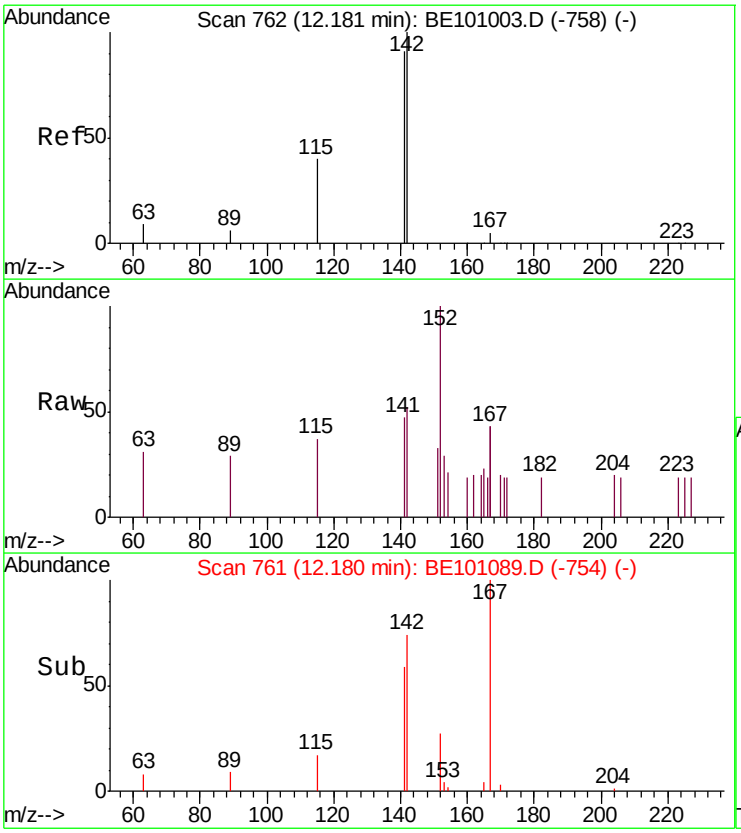
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:152 Resp: 3385

Ion	Ratio	Lower	Upper
152	100		
151	17.1	15.0	22.6

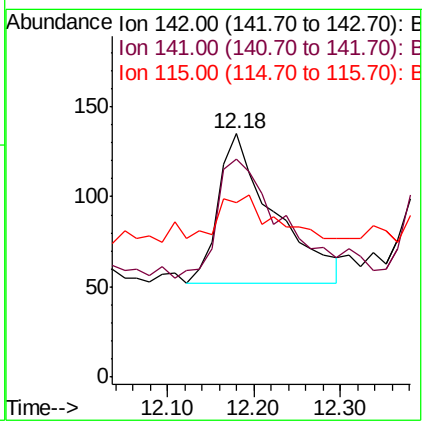


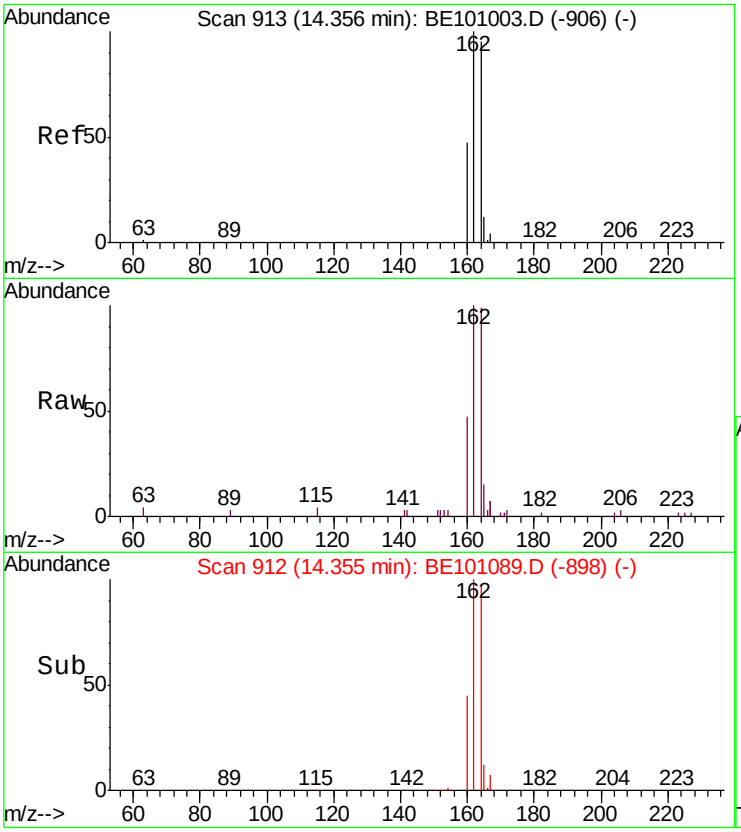


#12
2-Methylnaphthalene
Concen: 0.049 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:142 Resp: 373

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.5	108.7
115	71.9	33.0	49.6#



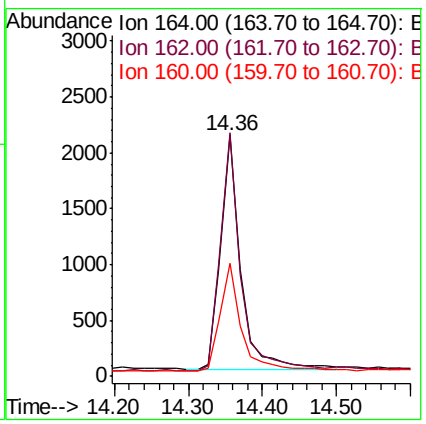


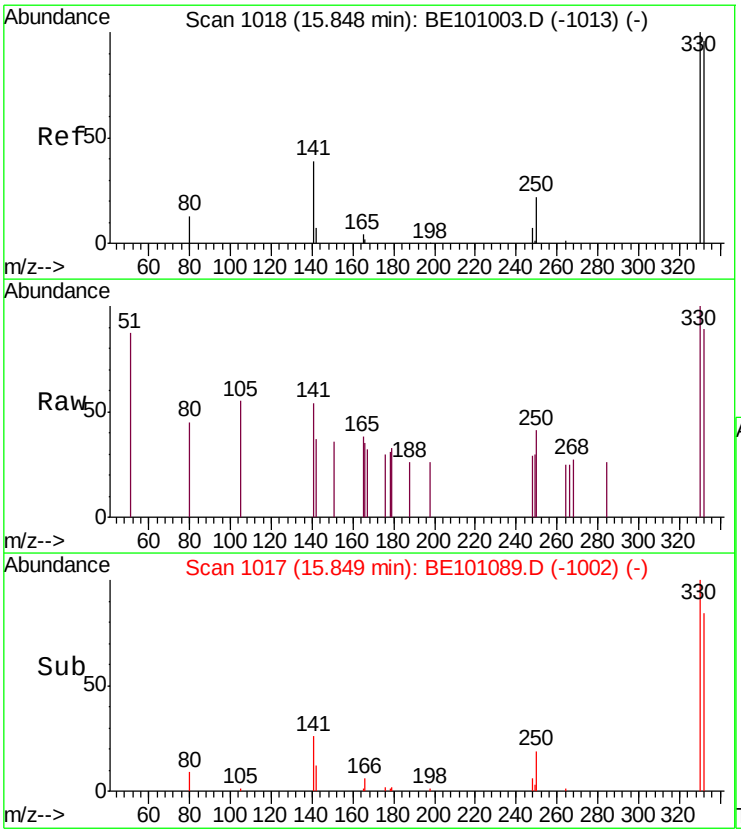
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:164 Resp: 3956

Ion	Ratio	Lower	Upper
164	100		
162	101.0	84.1	126.1
160	47.1	40.4	60.6

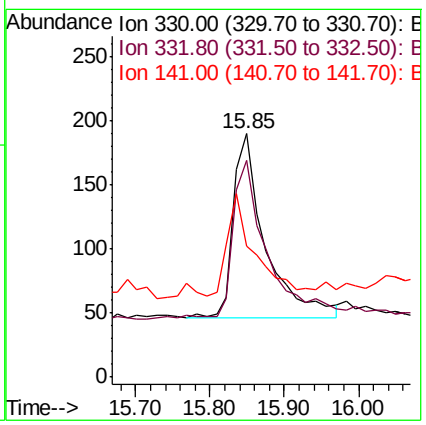


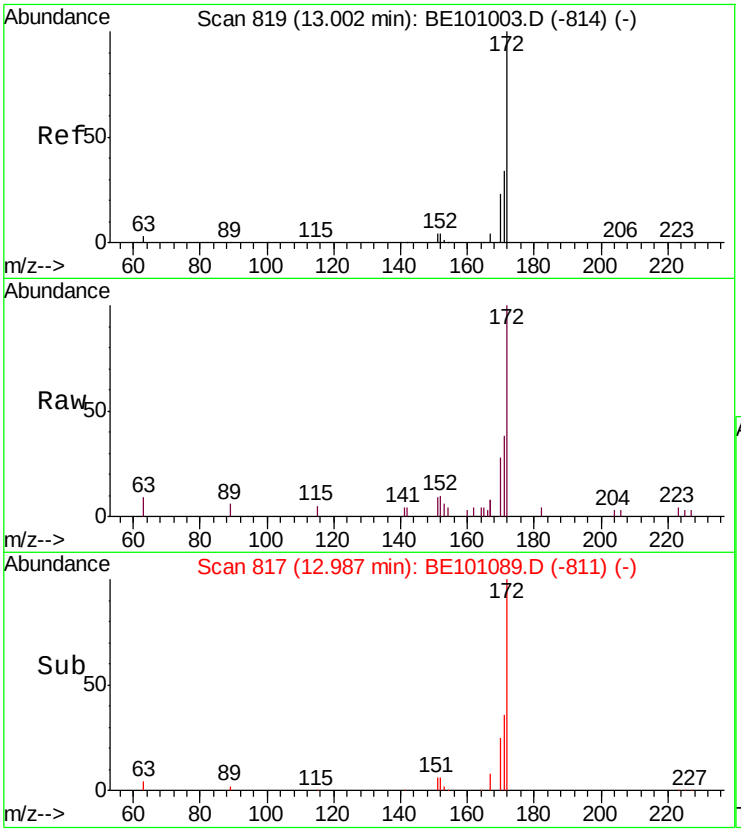


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:330 Resp: 431

Ion	Ratio	Lower	Upper
330	100		
332	88.2	78.4	117.6
141	48.5	37.0	55.4



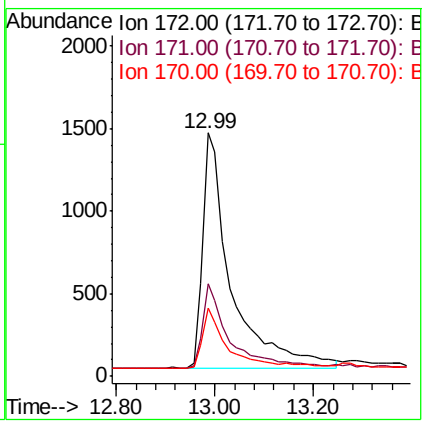


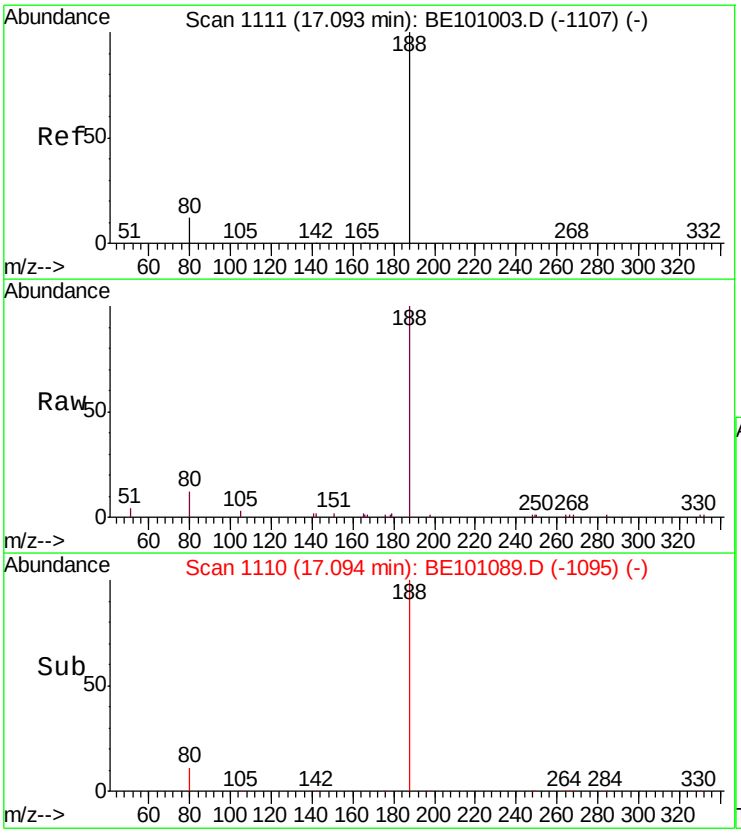
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:172 Resp: 5749

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.2	42.2
170	27.8	18.9	28.3

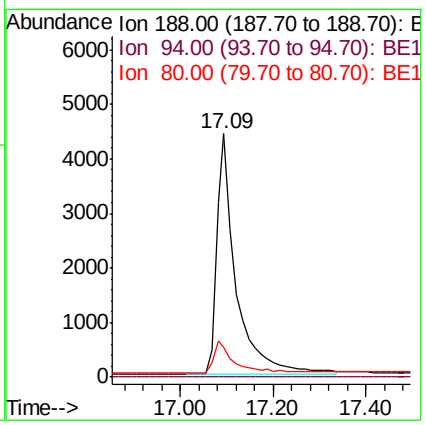


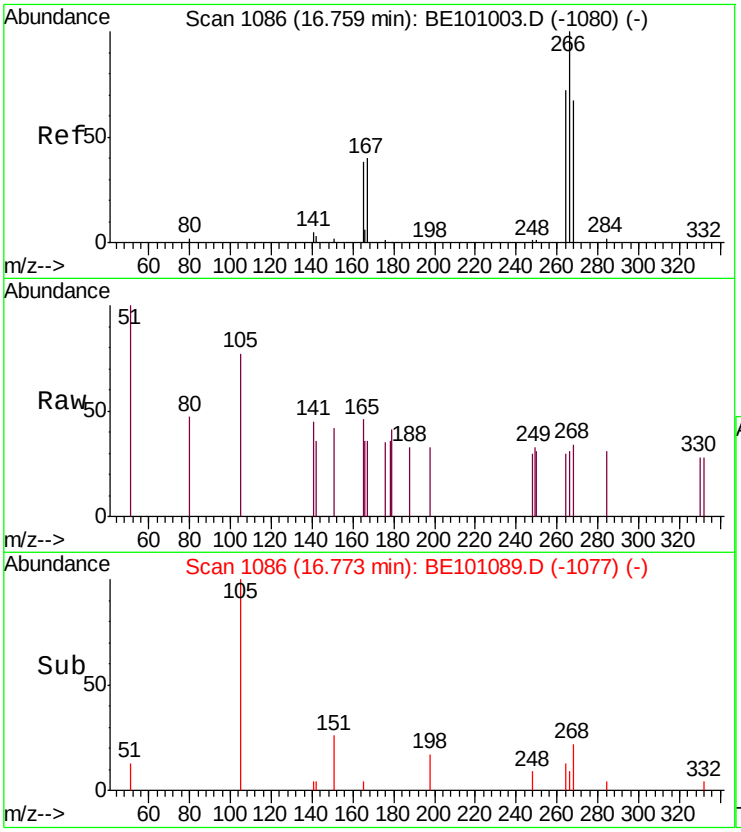


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:188 Resp: 12901

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	10.8	16.2



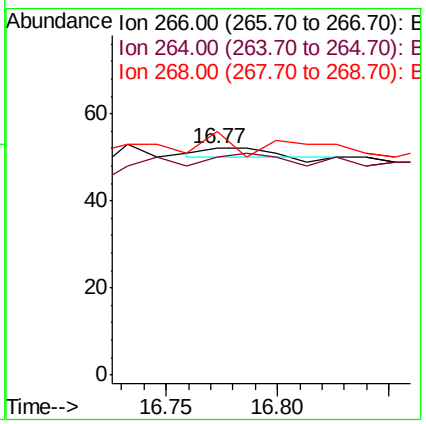


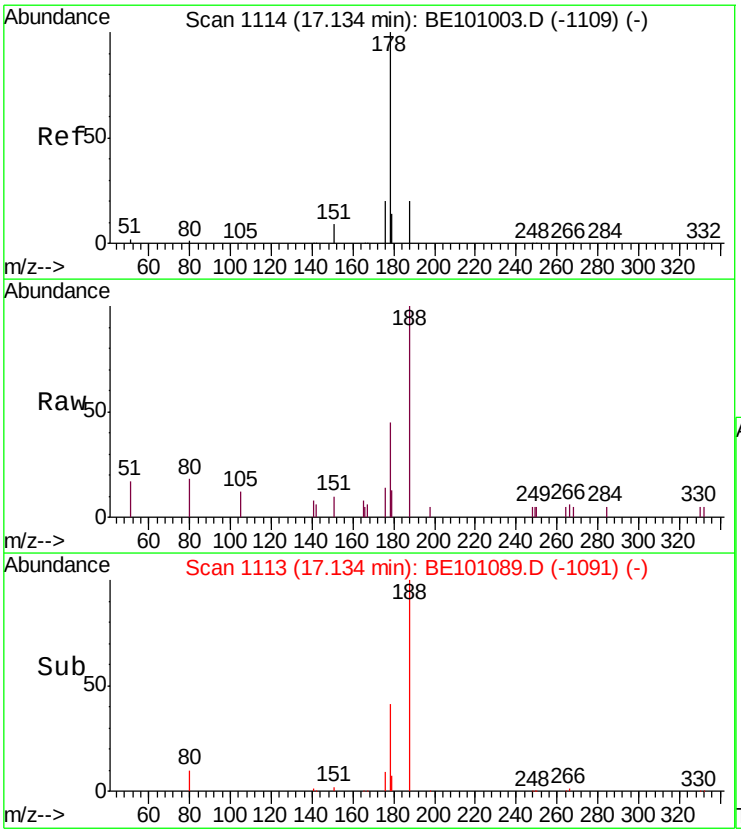
#22
Pentachlorophenol
Concen: 0.251 ng
RT: 16.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	96.2	61.0	91.4#
268	107.7	58.5	87.7#

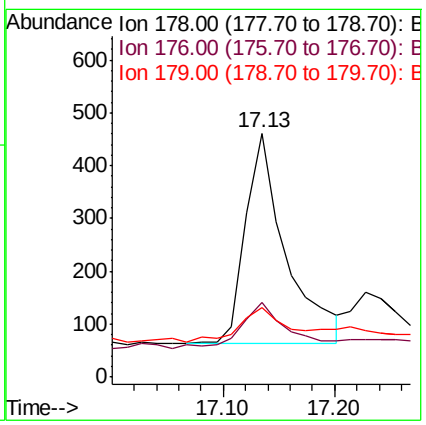


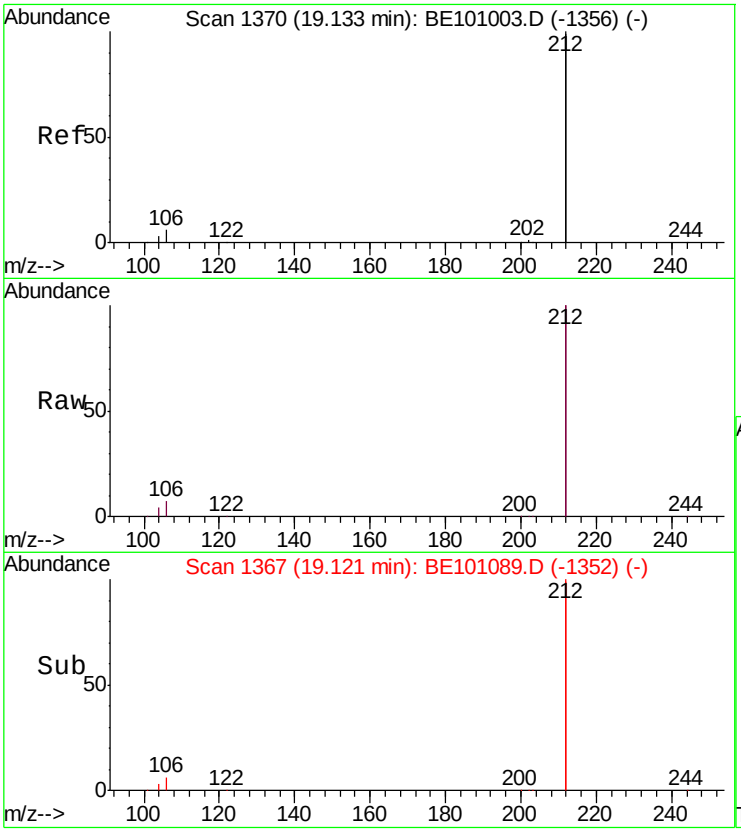


#23
Phenanthrene
Concen: 0.028 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:178 Resp: 999

Ion	Ratio	Lower	Upper
178	100		
176	24.7	15.7	23.5#
179	18.0	12.0	18.0#



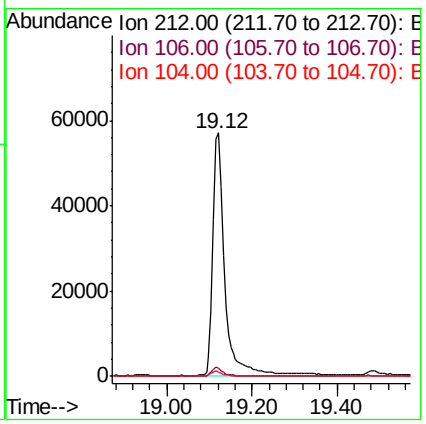


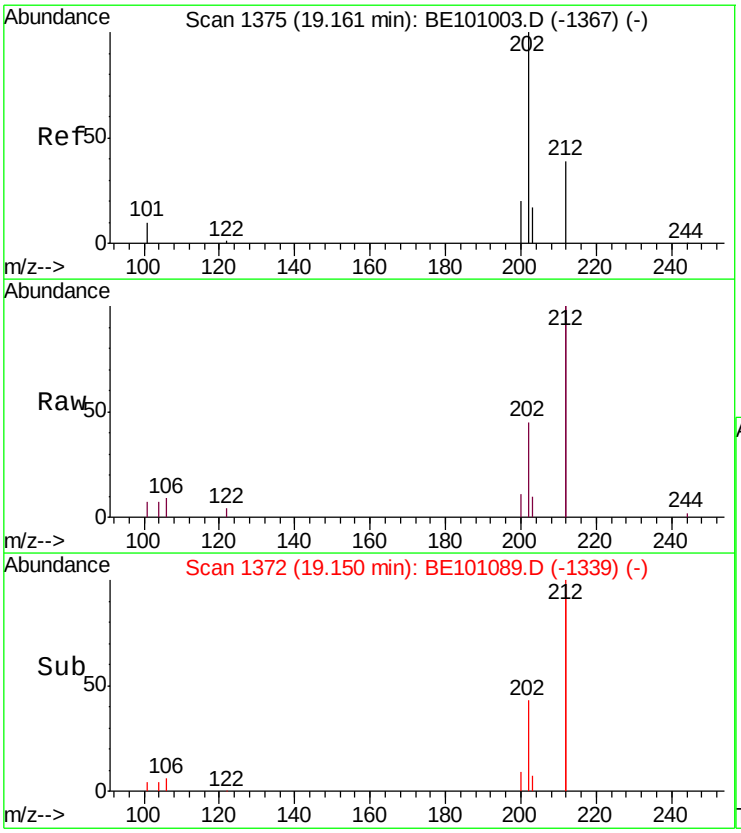
#25
Fluoranthene-d10
Concen: 0.606 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:212 Resp: 108521

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.0

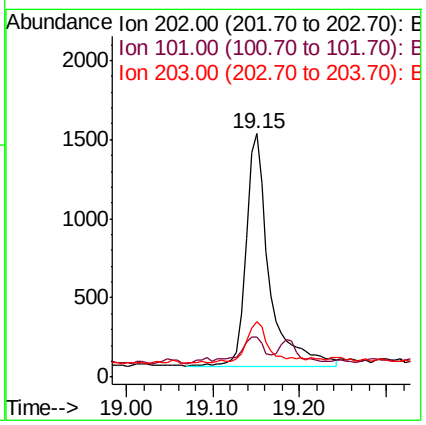


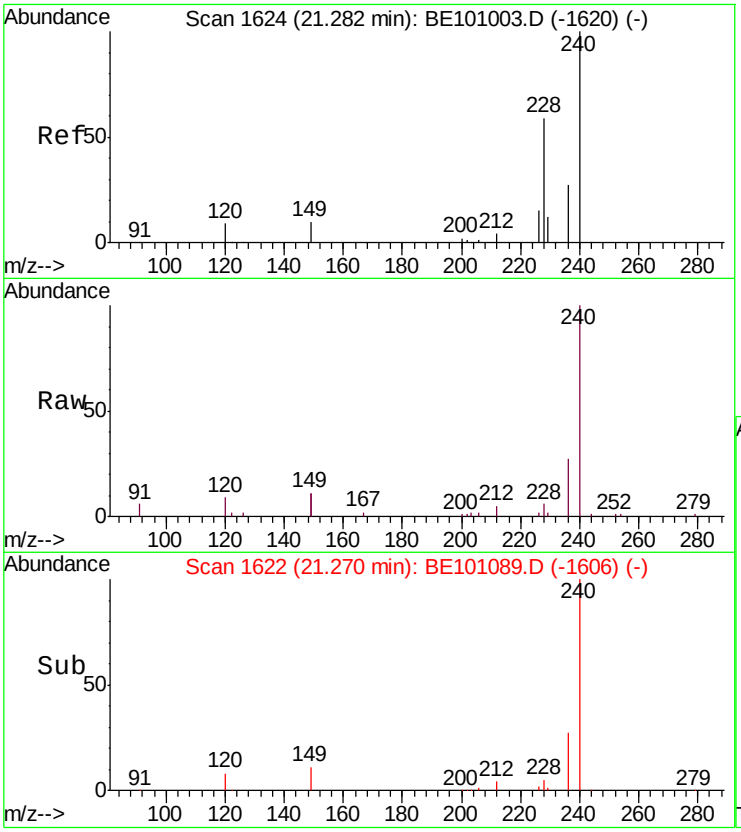


#26
Fluoranthene
Concen: 0.062 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:202 Resp: 2756

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	17.0	13.8	20.6



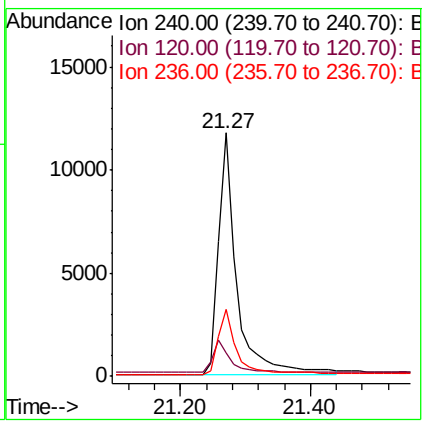


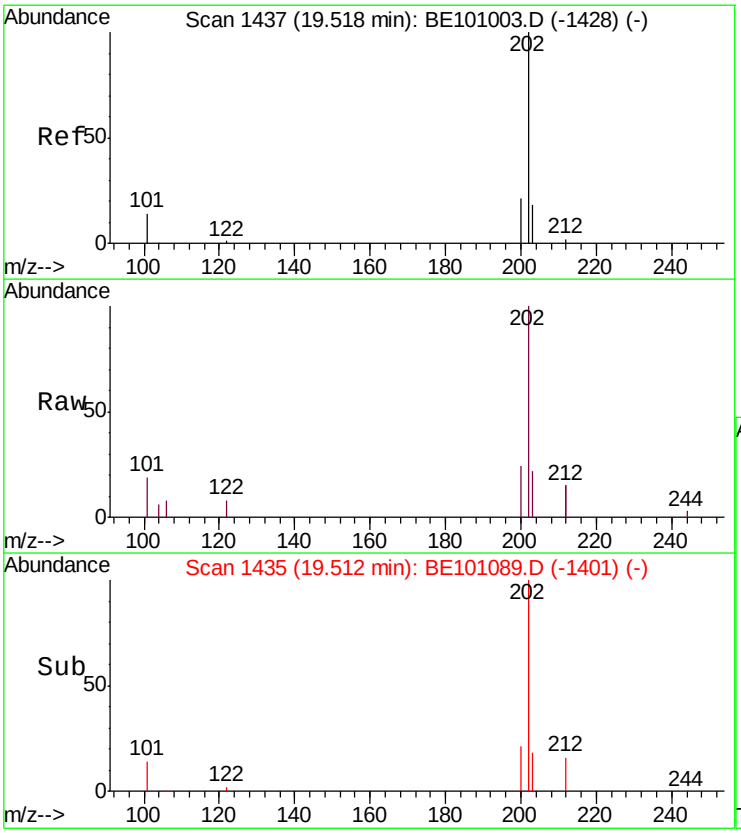
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:240 Resp: 23567

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.6	13.0
236	27.2	22.2	33.4

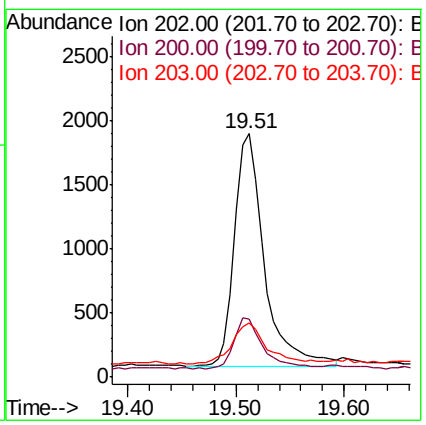


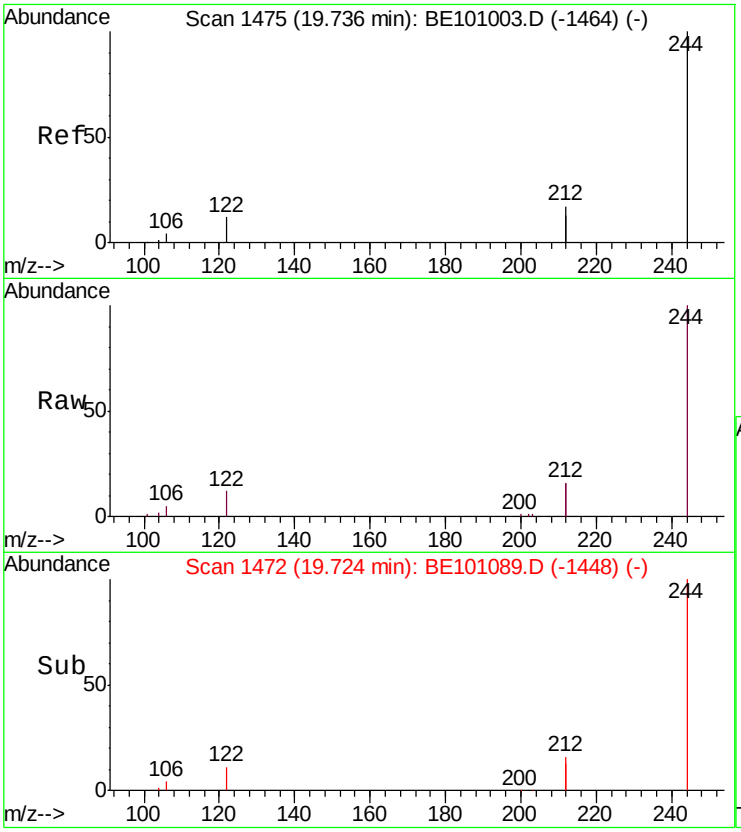


#28
Pyrene
Concen: 0.040 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:202 Resp: 3493

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	20.2	13.8	20.6



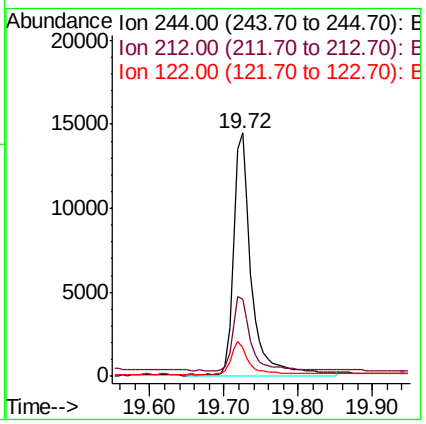


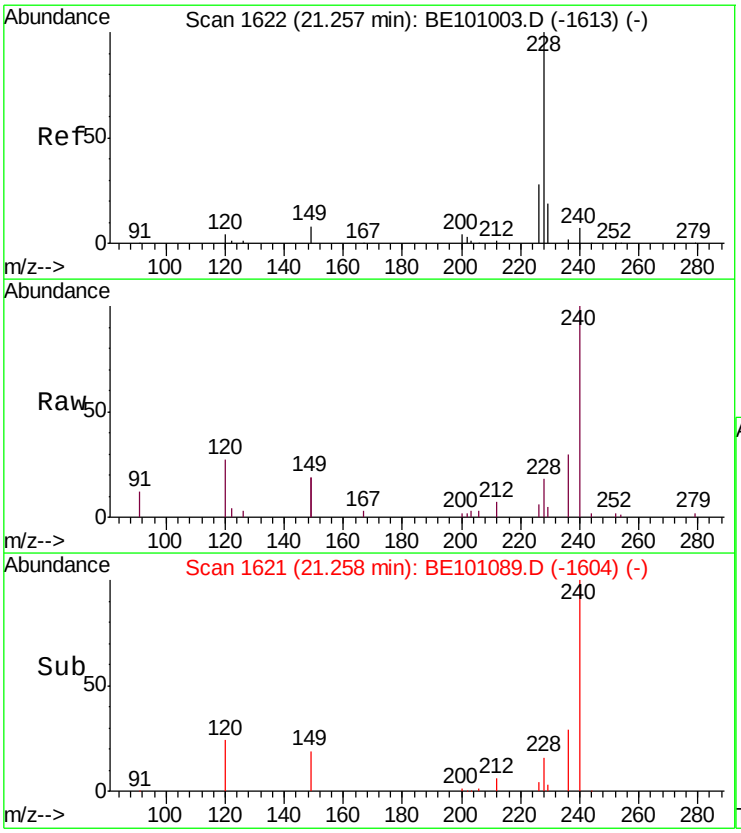
#29
Terphenyl-d14
Concen: 0.412 ng
RT: 19.72 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:244 Resp: 23844

Ion	Ratio	Lower	Upper
244	100		
212	31.8	27.2	40.8
122	11.7	9.8	14.8

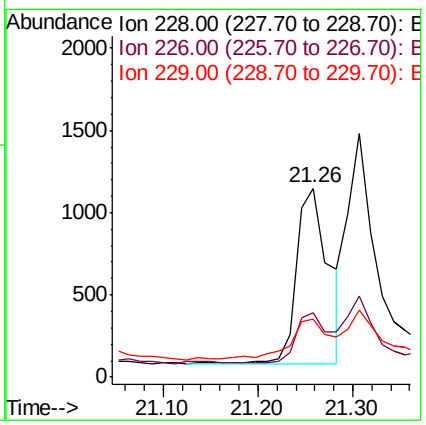


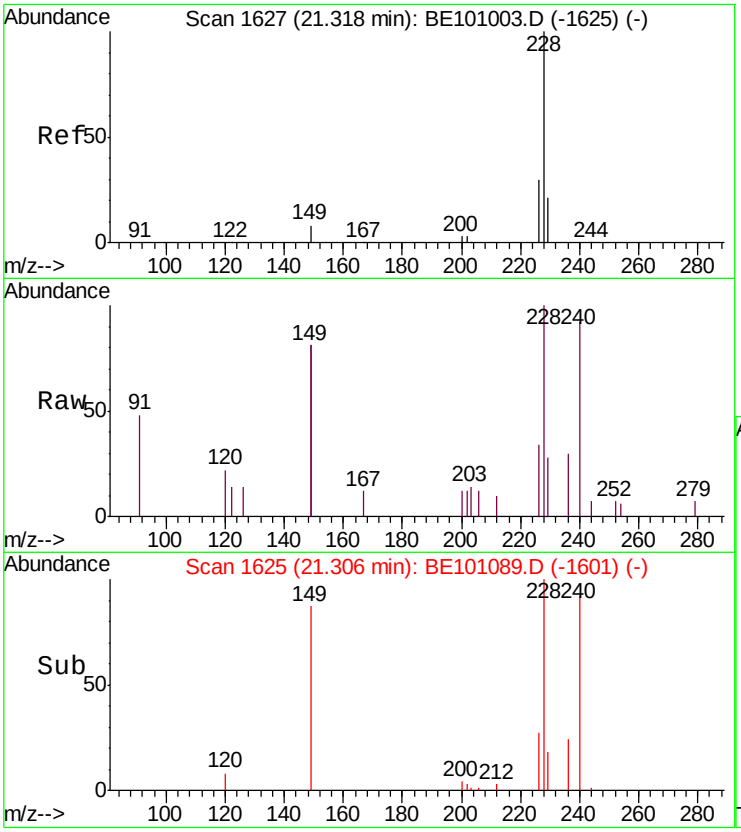


#30
Benzo(a)anthracene
Concen: 0.037 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:228 Resp: 2501

Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.7	34.1
229	30.5	15.5	23.3#



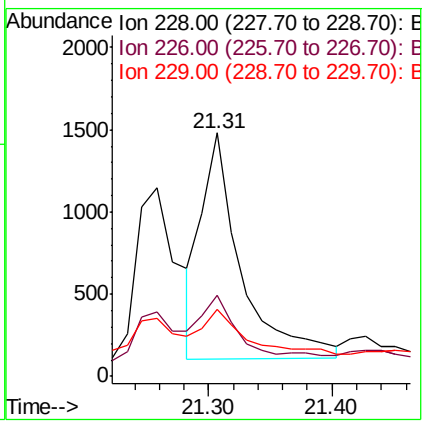


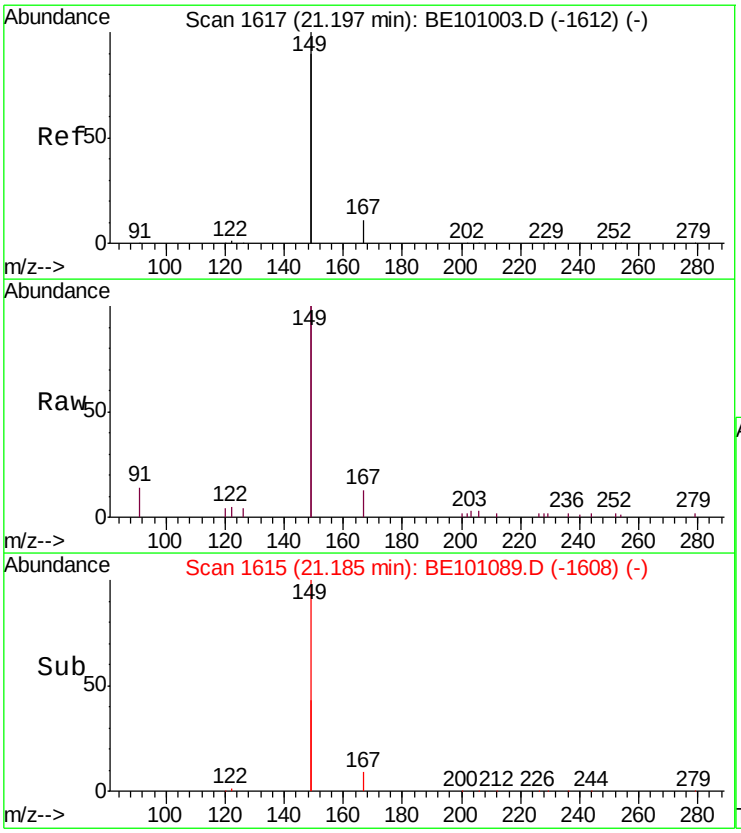
#31
Chrysene
Concen: 0.031 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:228 Resp: 3086

Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.5	35.3
229	27.6	16.7	25.1#

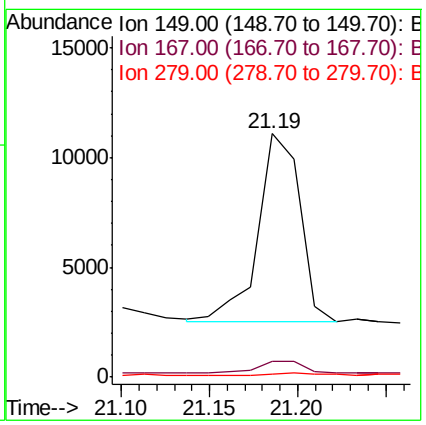


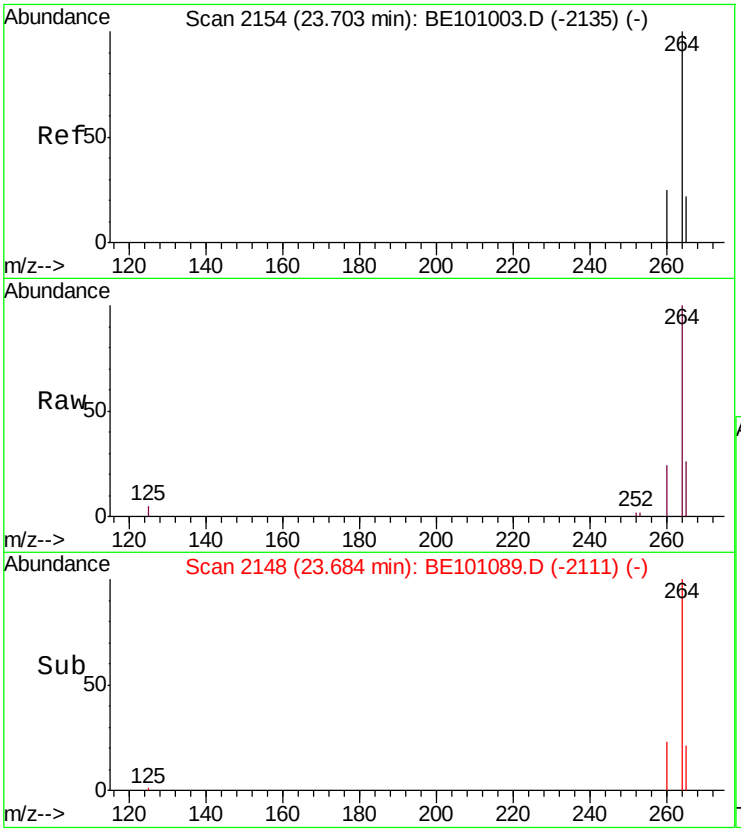


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.126 ng
RT: 21.19 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:149 Resp: 14173

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.2	7.8
279	0.8	0.8	1.2



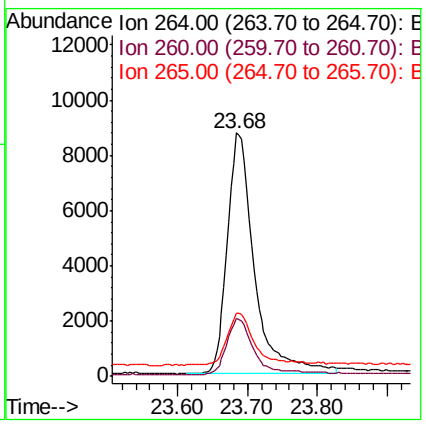


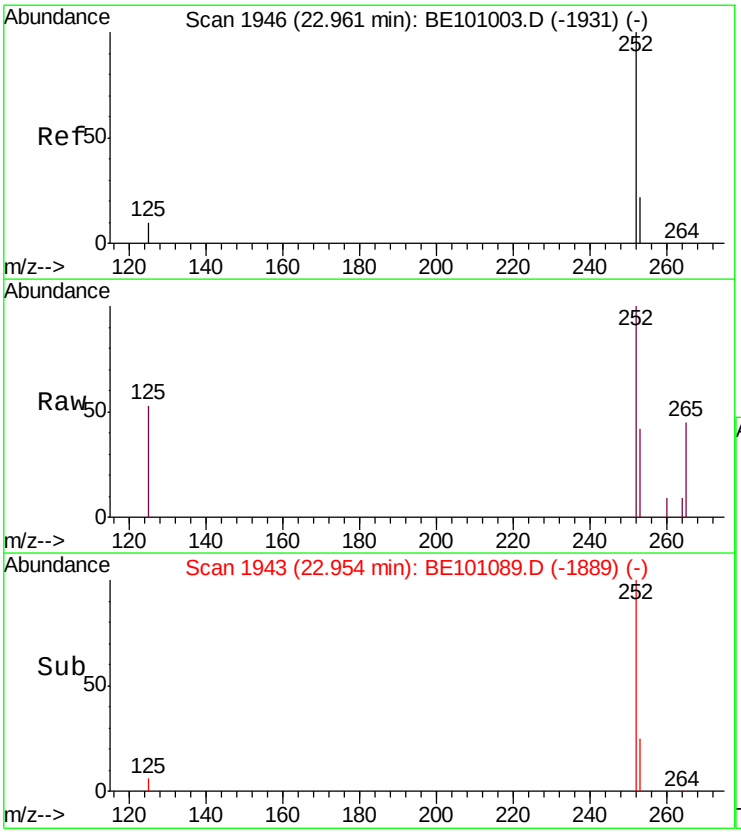
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Instrument :
BNA_E
ClientSampleId :
PF-1

Tgt Ion:264 Resp: 23566

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	25.9	27.0	40.4#





#35
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101089.D
Acq: 17 Jan 2020 17:45

Tgt Ion:252 Resp: 1710

Ion	Ratio	Lower	Upper
252	100		
253	41.9	18.5	27.7#
125	52.8	9.5	14.3#