Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121090.D
Acq On : 29 Jul 2020 1:59
Operator : JU/CG
Sample : L3408-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-DRUM

Quant Time: Jul 29 09:48:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	159218	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	586507	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	288911	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	474051	20.00	ng	0.01
76) Chrysene-d12	14.00	240	123435	20.00	ng	0.03
86) Perylene-d12	15.50	264	153633	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	910294	93.73	ng	0.01
7) Phenol-d6	6.45	99	1119016	89.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	703792	69.43	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	318754	100.79	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1247297	64.46	ng	0.00
79) Terphenyl-d14	12.93	244	749906	132.06	ng	0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.57	163	207398	9.950	ng	# 97
71) Phenanthrene	11.36	178	59860	2.455	ng	# 89
75) Fluoranthene	12.56	202	108042	3.998	ng	94
78) Pyrene	12.79	202	138695	15.893	ng	# 95
81) Benzo(a)anthracene	14.00	228	17714	2.370	ng	# 49
83) Chrysene	14.03	228	25890	3.296	ng	# 68
84) Bis(2-ethylhexyl)phthalate	13.99	149	165147	34.426	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.97	276	32308	3.024	ng	# 80
92) Benzo(g,h,i)perylene	17.42	276	37793	4.392	ng	# 6

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

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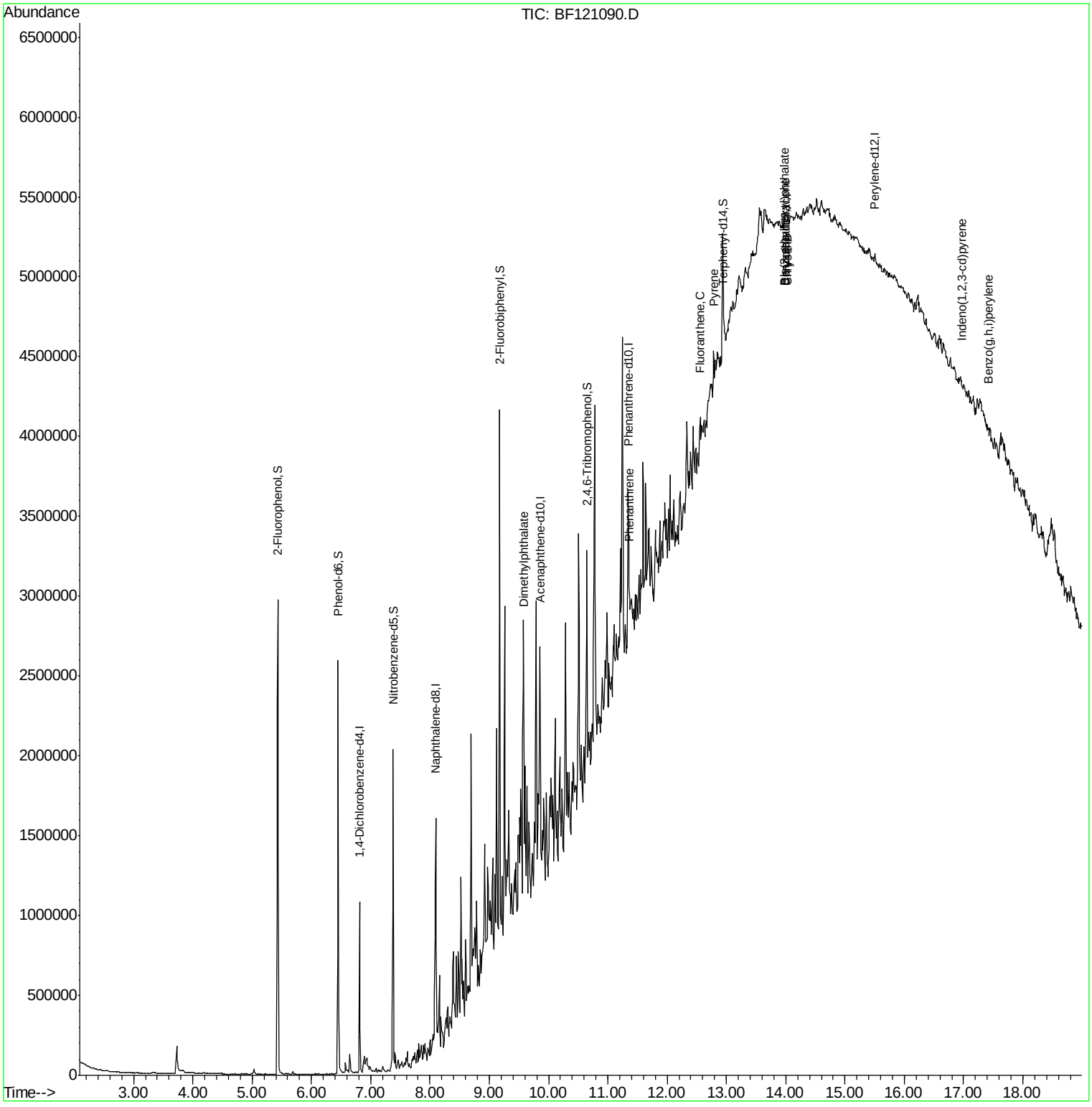
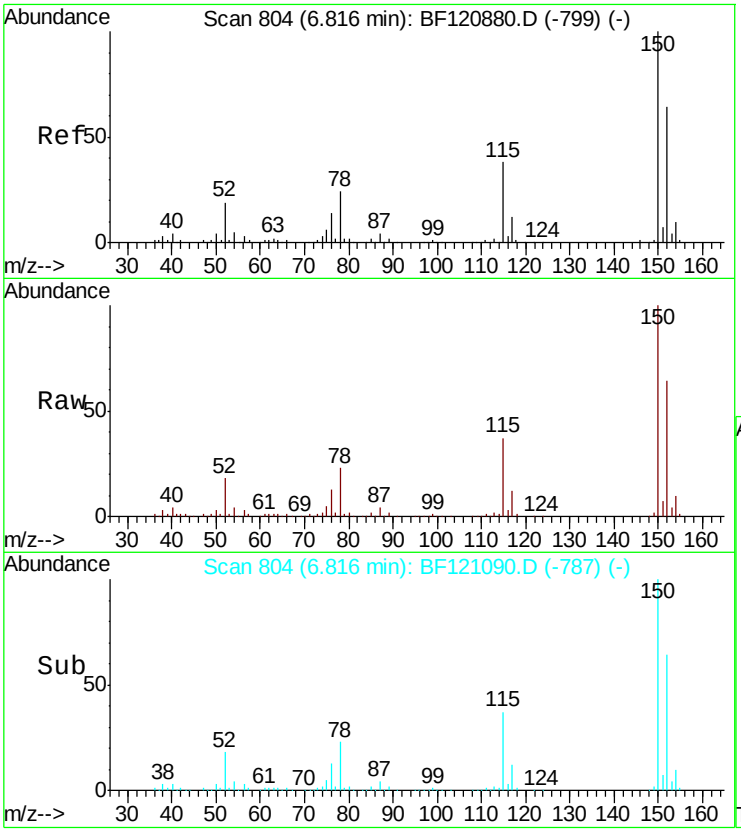


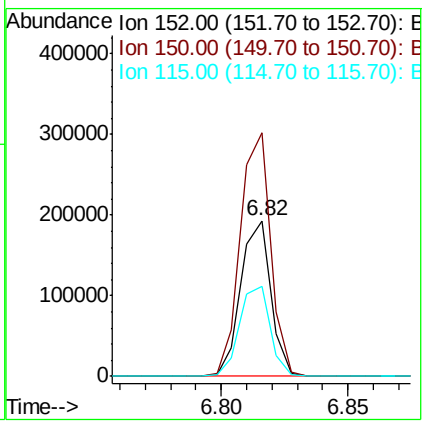


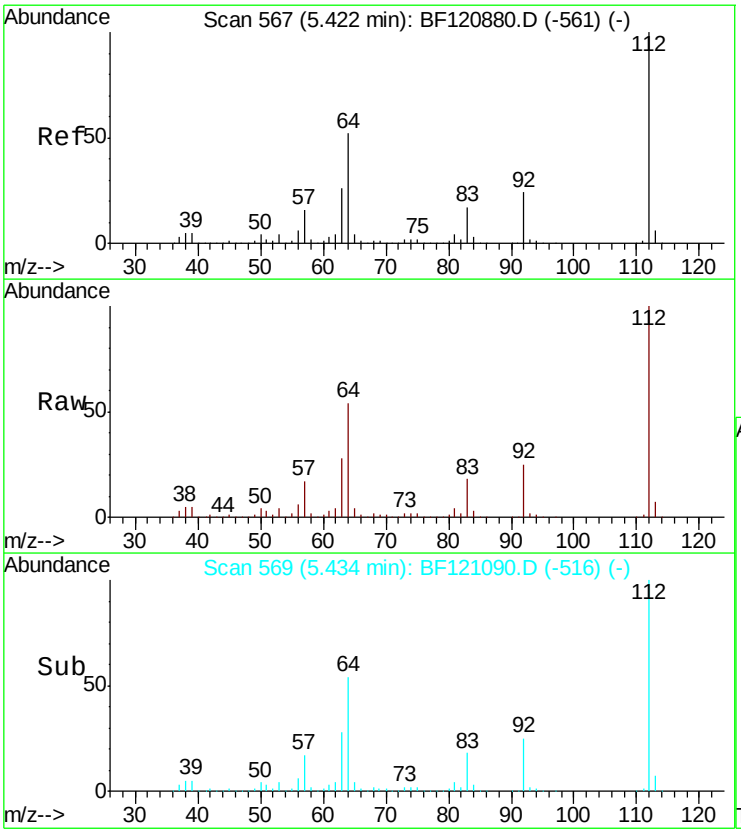
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:152 Resp: 159218

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.0	187.6
115	58.2	47.0	70.4

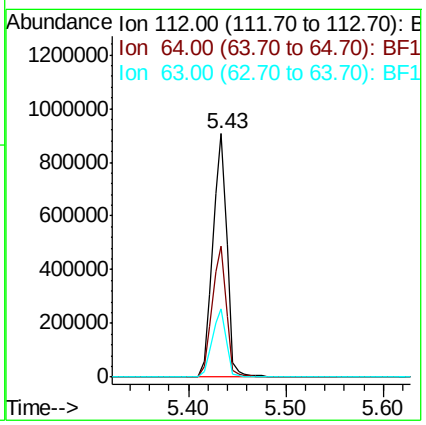


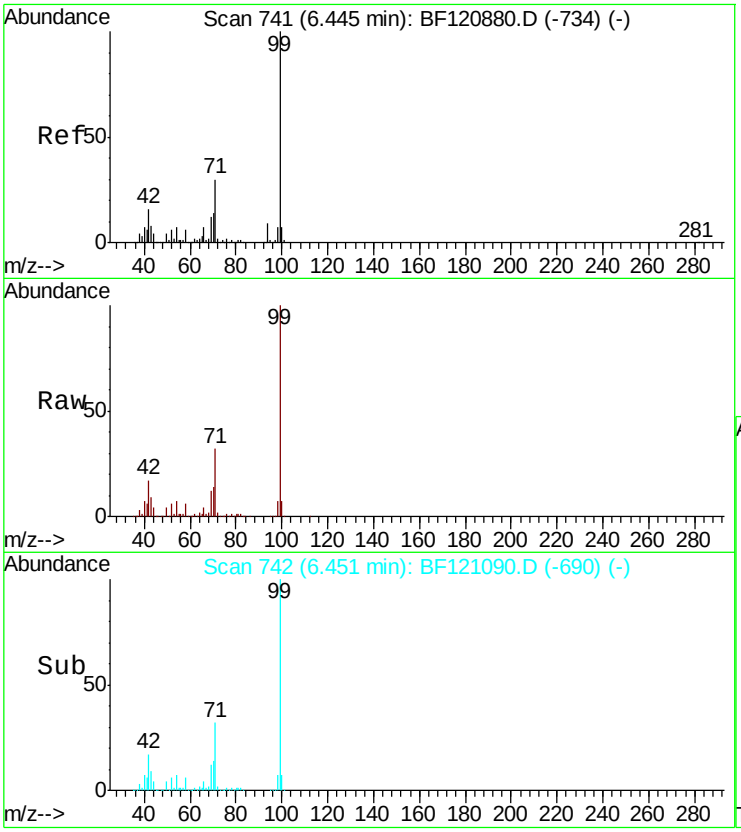


#5
2-Fluorophenol
Concen: 93.727 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:112 Resp: 910294

Ion	Ratio	Lower	Upper
112	100		
64	53.7	41.3	61.9
63	28.0	21.1	31.7



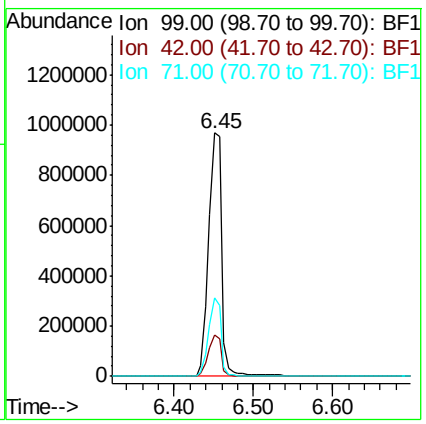


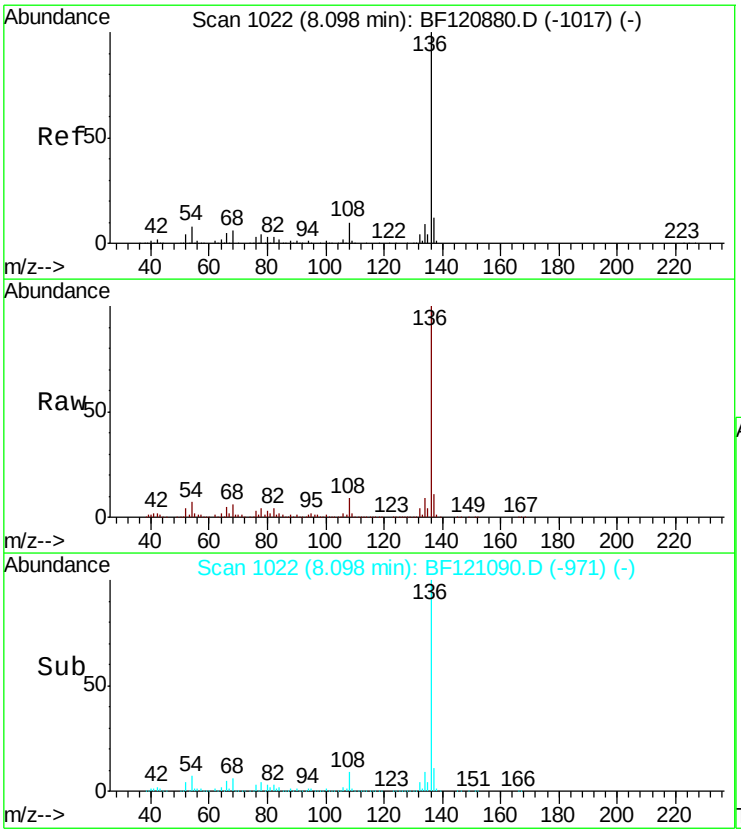
#7
Phenol-d6
Concen: 89.195 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion: 99 Resp: 1119016

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	32.0	24.2	36.4

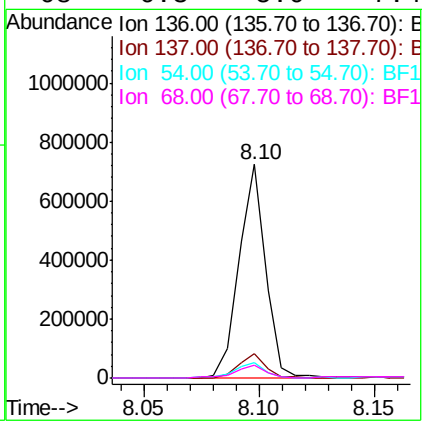


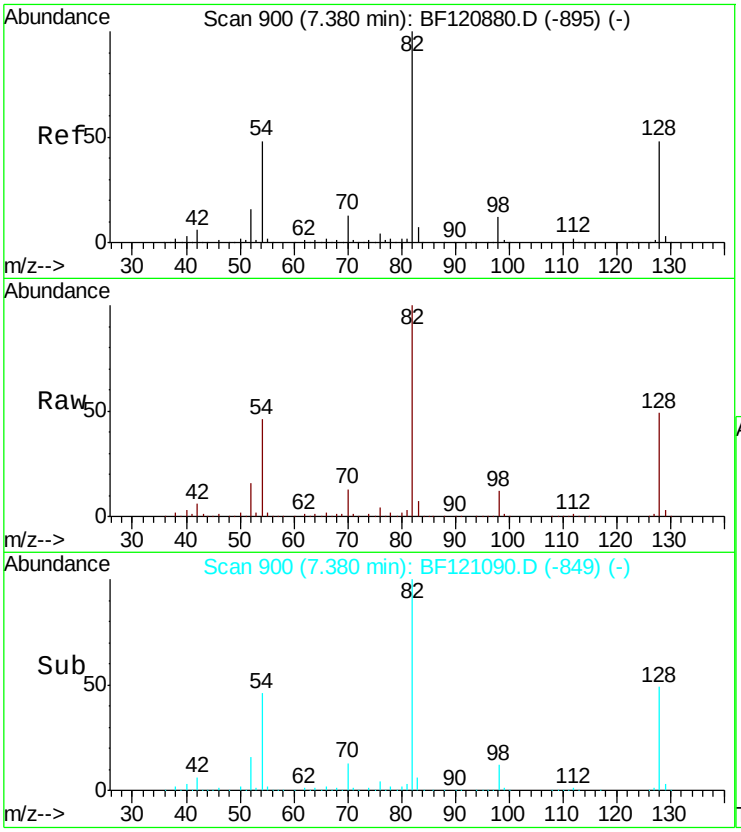


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:136 Resp: 586507

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.4	6.3	9.5
68	6.3	5.0	7.4



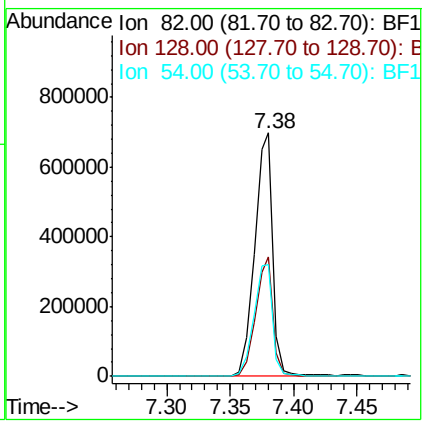


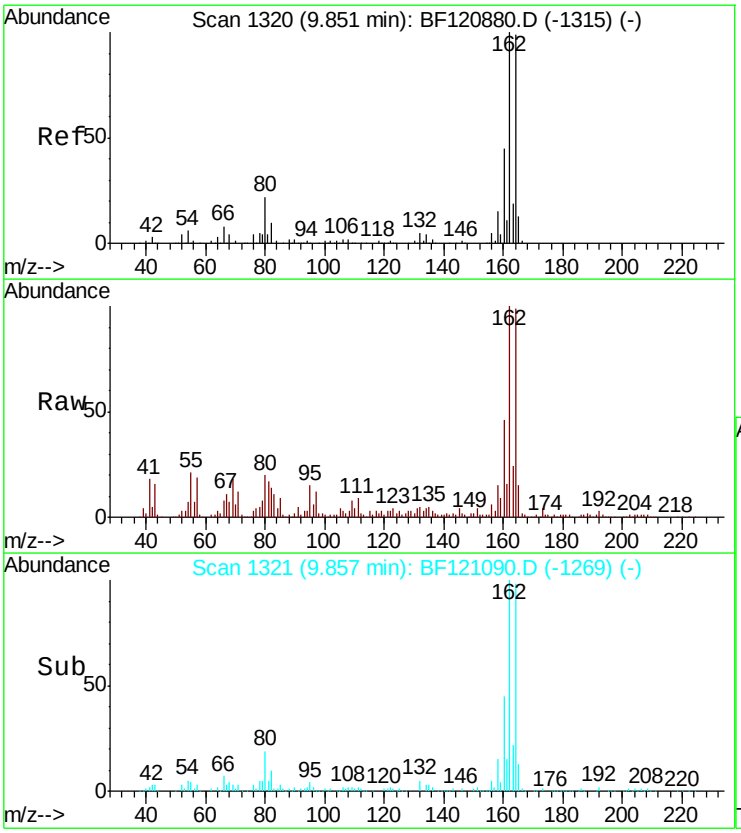
#23
Nitrobenzene-d5
Concen: 69.434 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion: 82 Resp: 703792

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.2	57.4
54	45.7	38.7	58.1

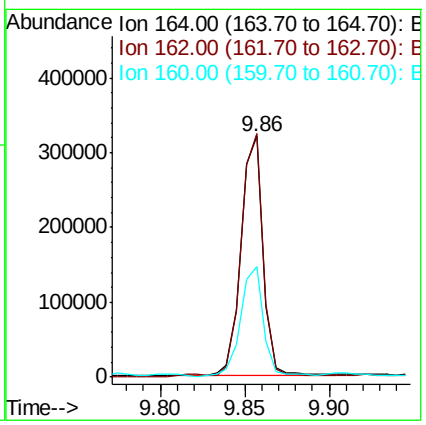


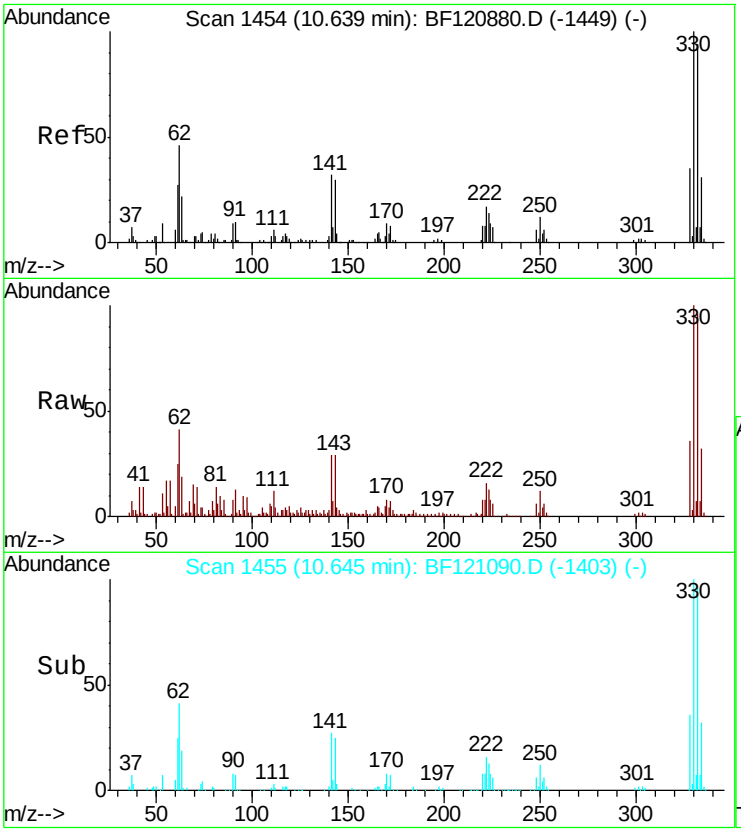


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:164 Resp: 288911

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	46.0	36.9	55.3



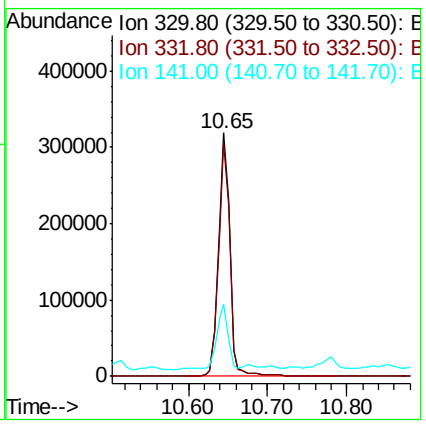


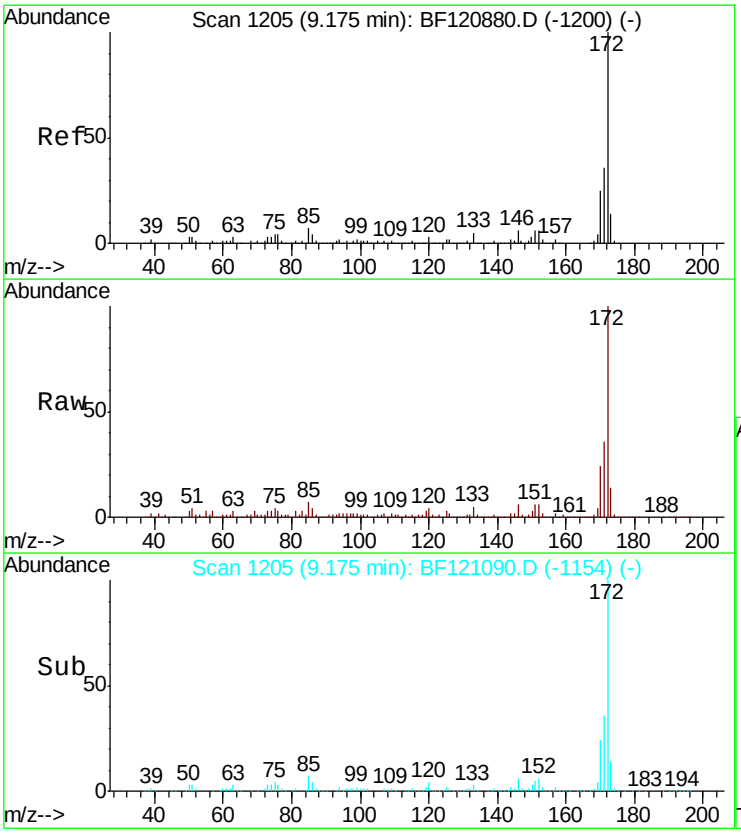
#42
2,4,6-Tribromophenol
Concen: 100.794 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:330 Resp: 318754

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	25.0	25.7	38.5#

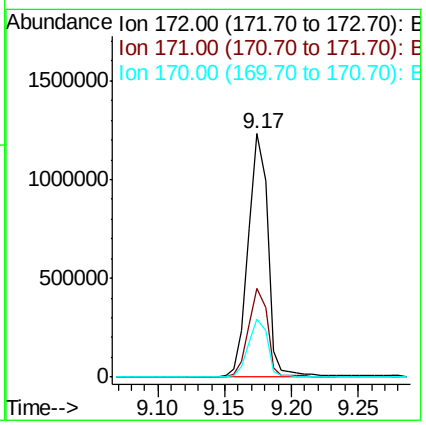


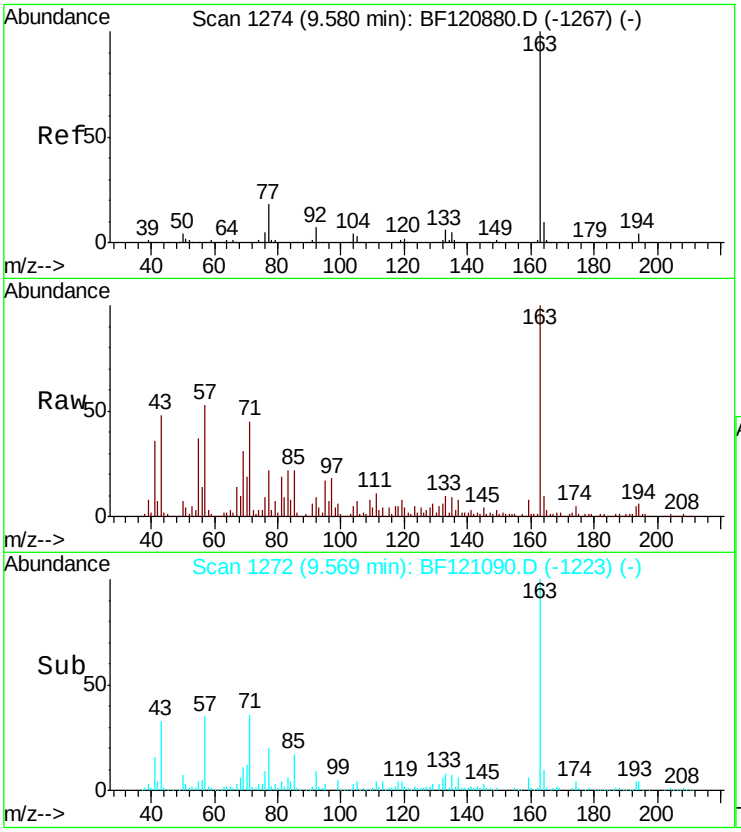


#45
2-Fluorobiphenyl
Concen: 64.458 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:172 Resp: 1247297

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.0	19.6	29.4



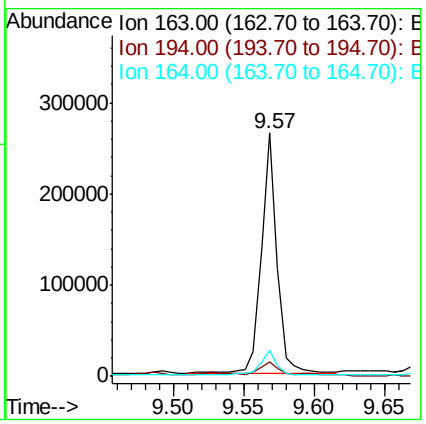


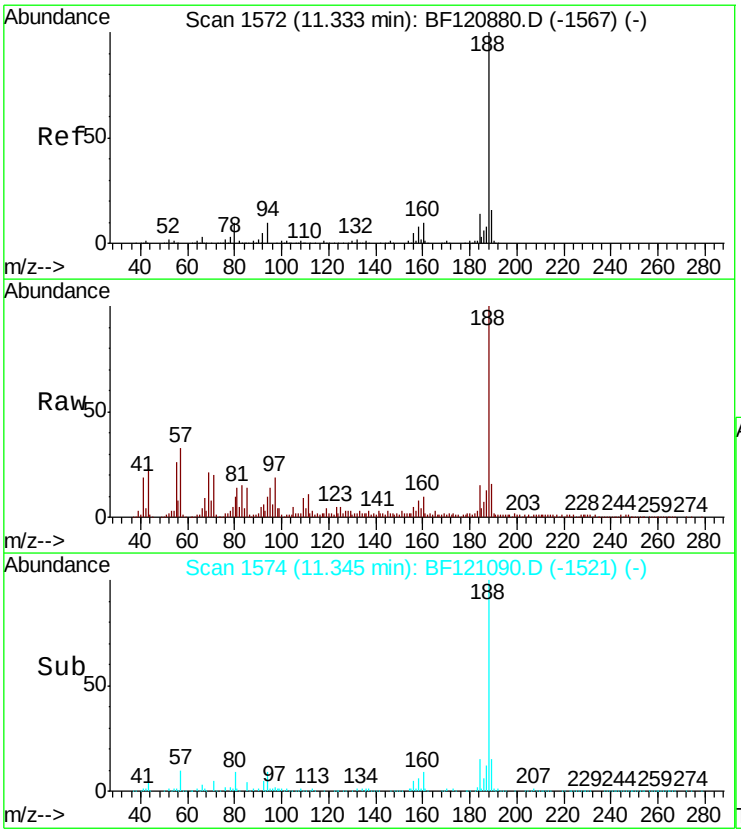
#50
Dimethylphthalate
Concen: 9.950 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:163 Resp: 207398

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.2	4.8#
164	10.4	7.9	11.9

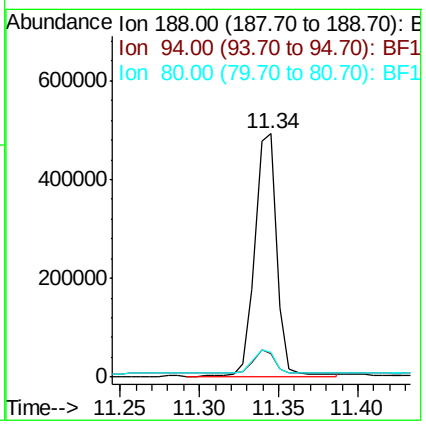


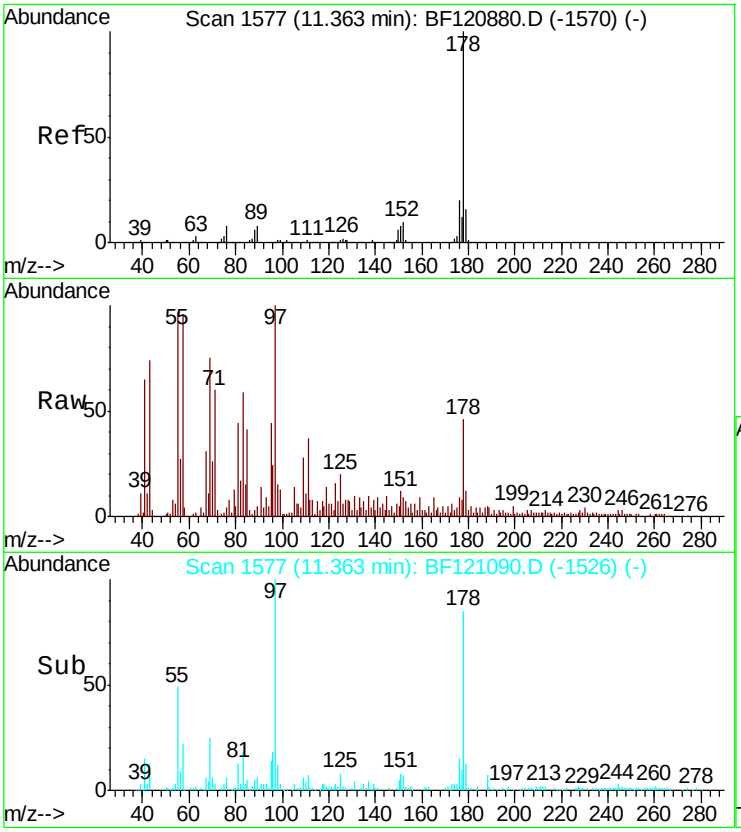


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:188 Resp: 474051

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.3	8.3	12.5



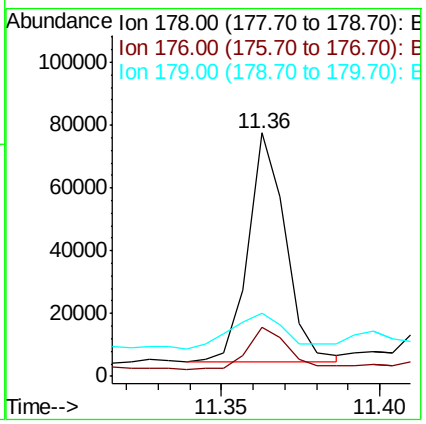


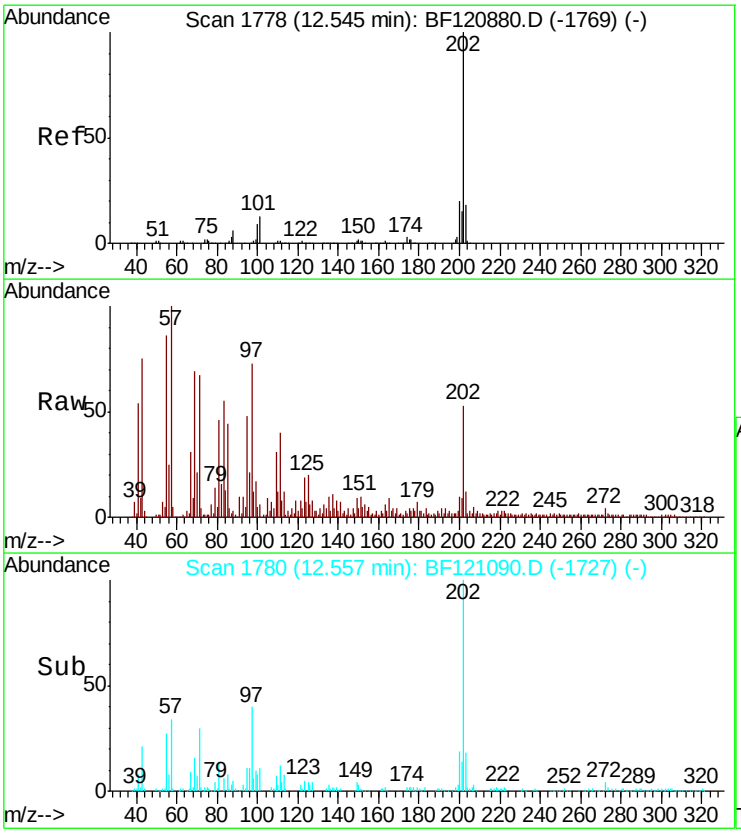
#71
Phenanthrene
Concen: 2.455 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:178 Resp: 59860

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	26.2	12.8	19.2#

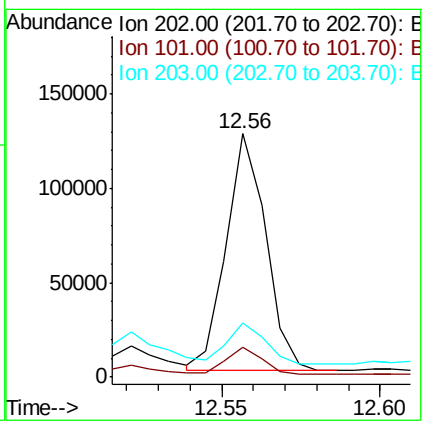


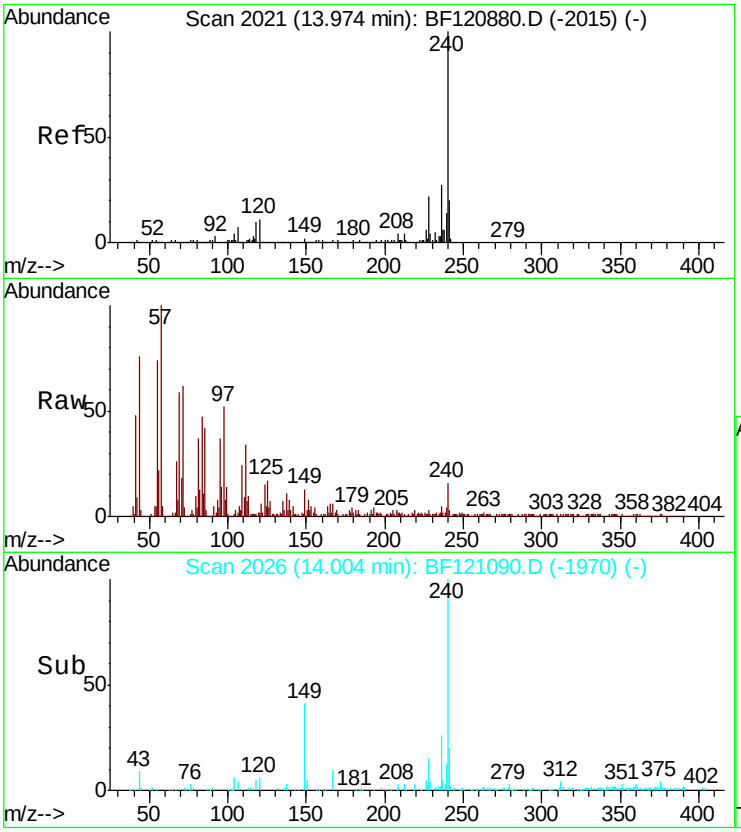


#75
Fluoranthene
Concen: 3.998 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:202 Resp: 108042

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.7
203	22.1	0.0	38.0



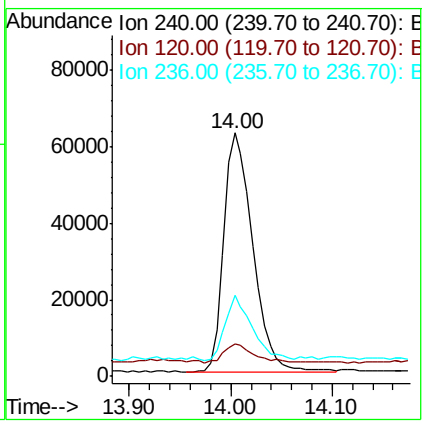


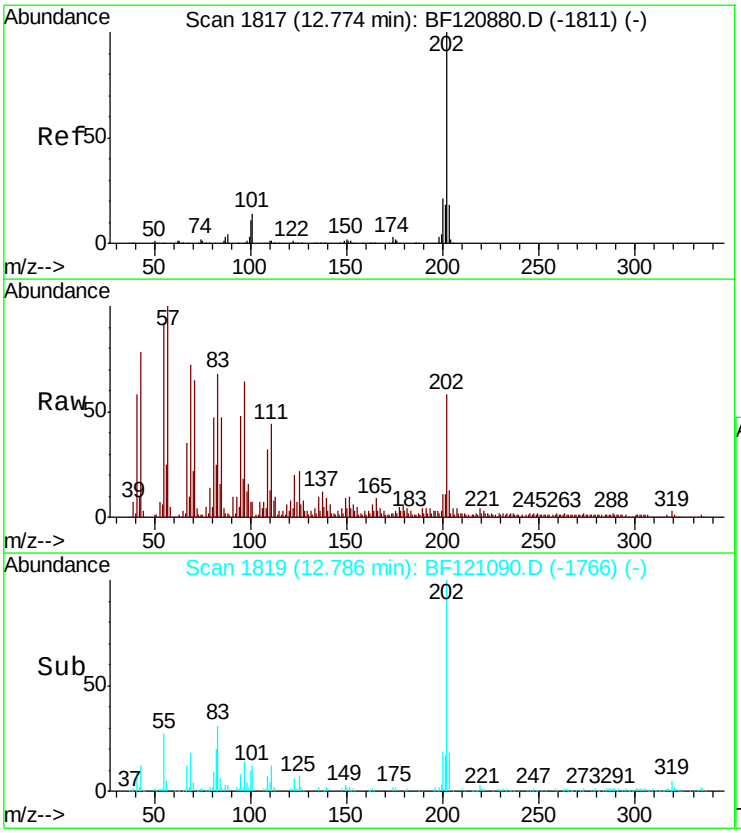
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:240 Resp: 123435

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.0	13.4
236	33.1	21.7	32.5#

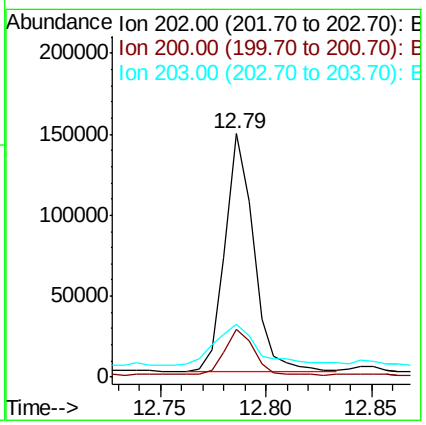


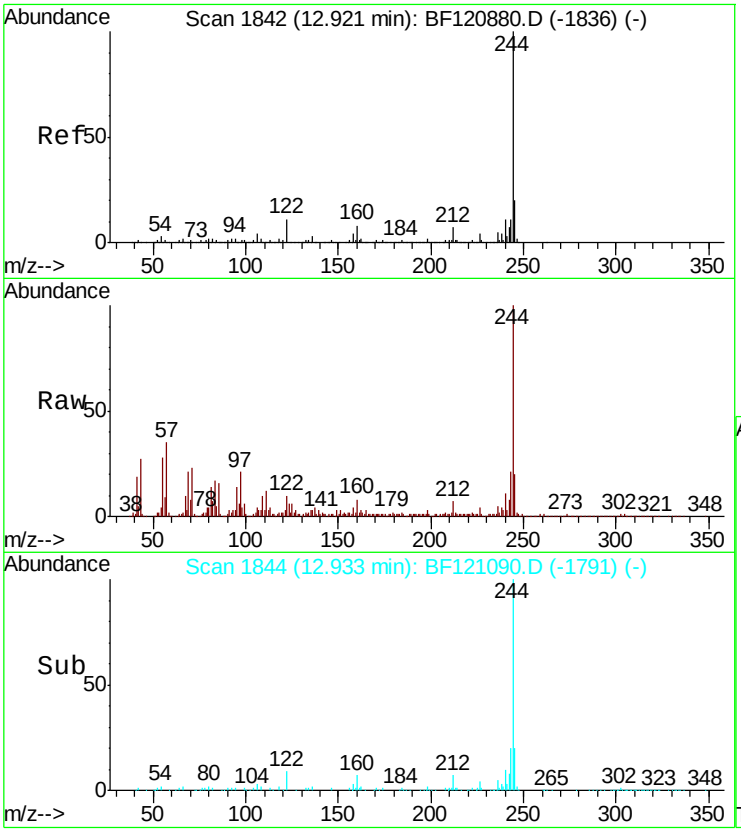


#78
Pyrene
Concen: 15.893 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:202 Resp: 138695

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	21.8	14.4	21.6#



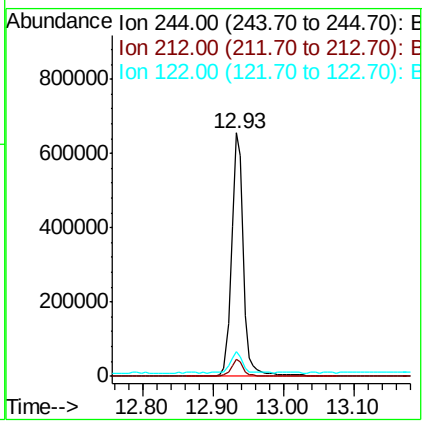


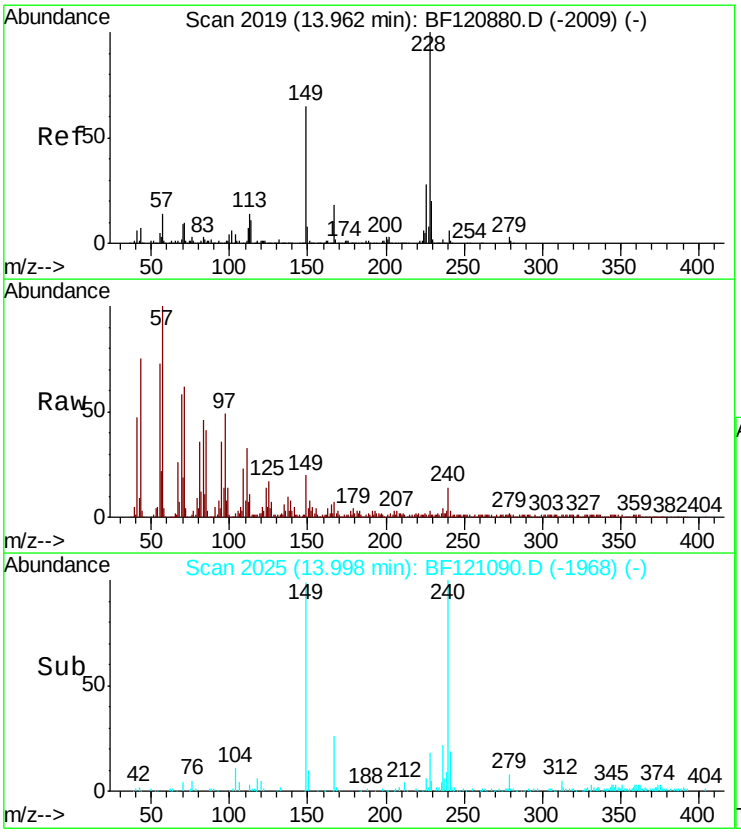
#79
Terphenyl-d14
Concen: 132.064 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:244 Resp: 749906

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.1	8.9	13.3

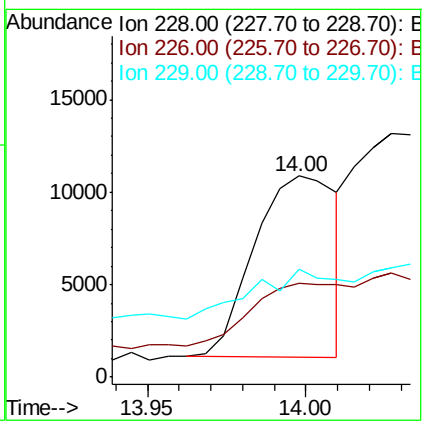


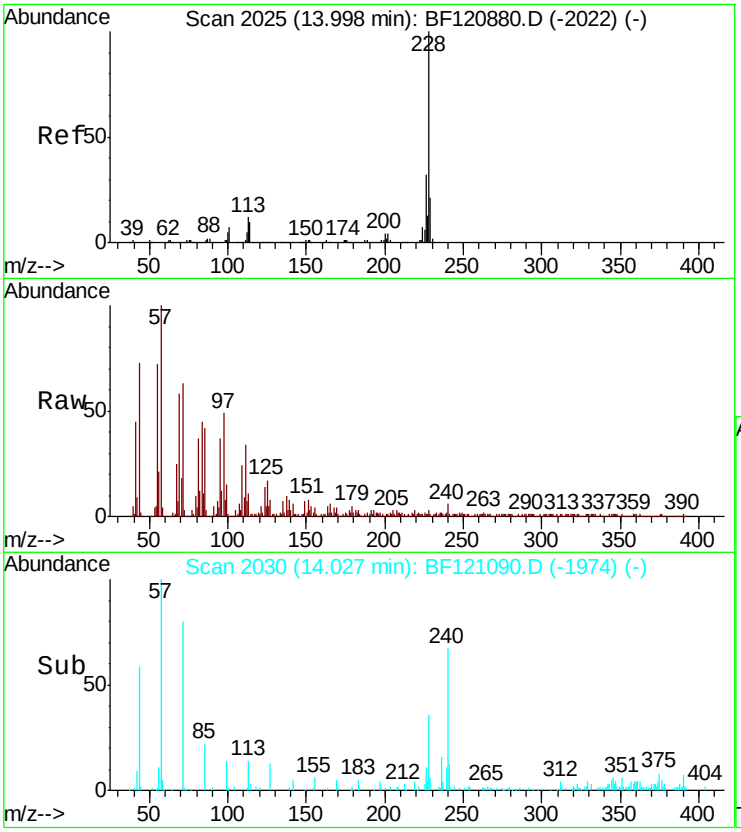


#81
Benzo(a)anthracene
Concen: 2.370 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.04 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:228 Resp: 17714

Ion	Ratio	Lower	Upper
228	100		
226	46.9	22.3	33.5#
229	53.4	16.1	24.1#



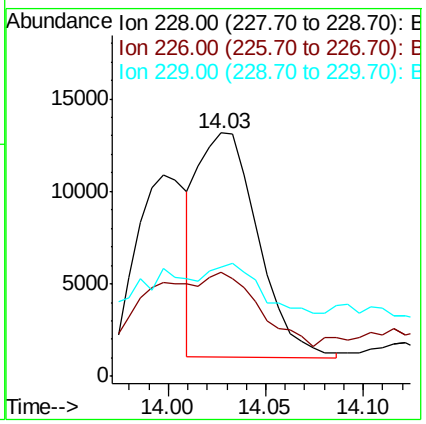


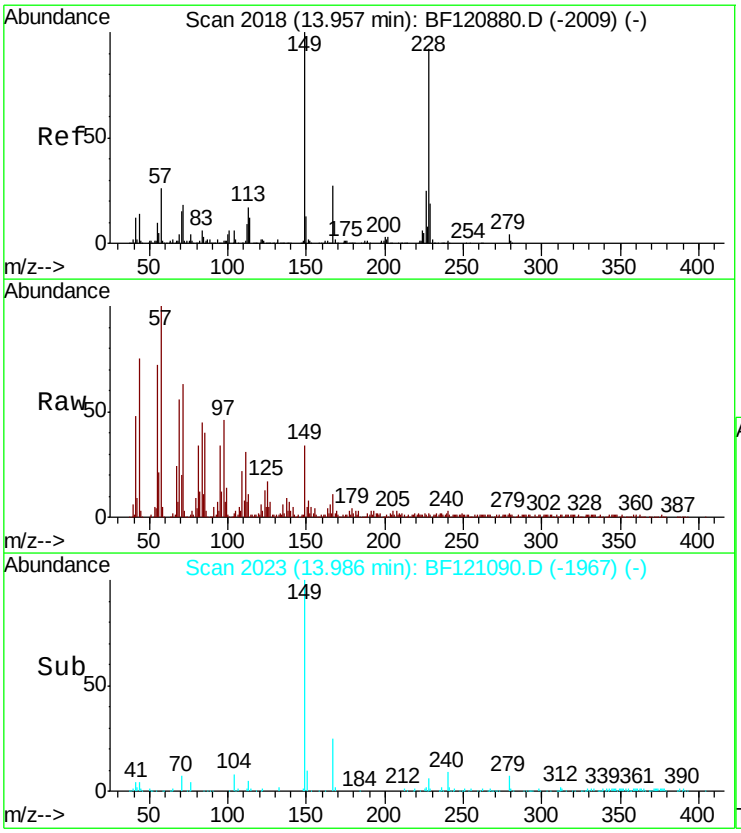
#83
Chrysene
Concen: 3.296 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.03 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:228 Resp: 25890

Ion	Ratio	Lower	Upper
228	100		
226	42.8	25.6	38.4#
229	44.8	16.8	25.2#

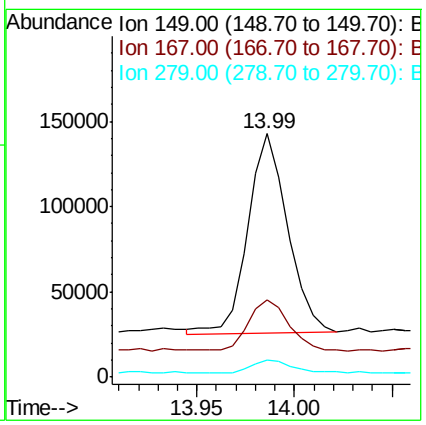


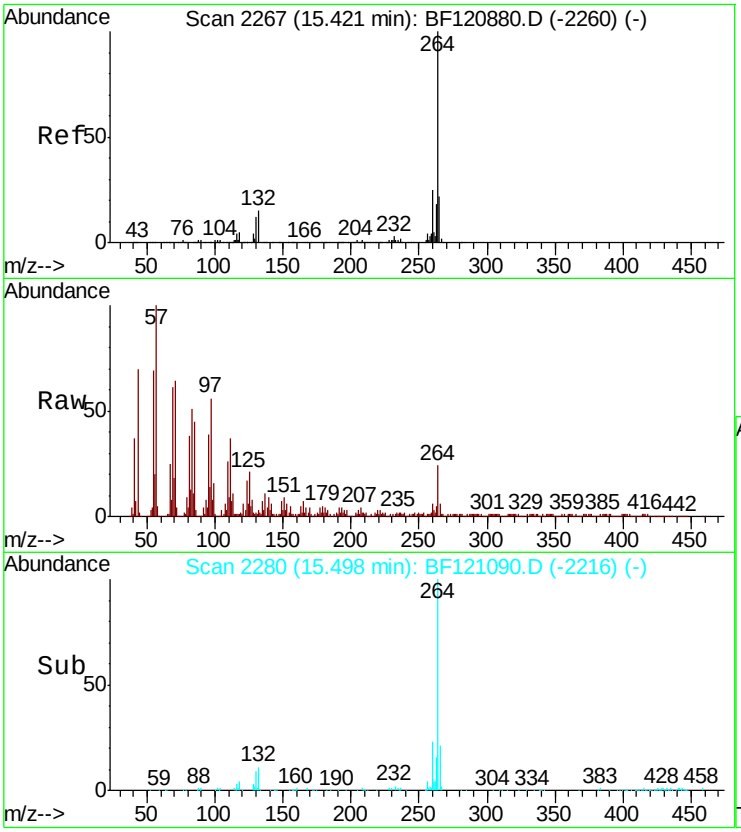


#84
Bis(2-ethylhexyl)phthalate
Concen: 34.426 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.03 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:149 Resp: 165147

Ion	Ratio	Lower	Upper
149	100		
167	31.7	21.9	32.9
279	7.2	3.0	4.4#



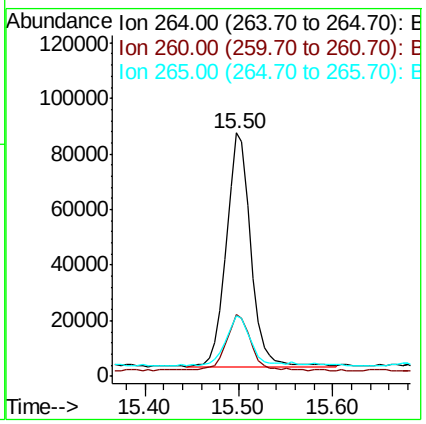


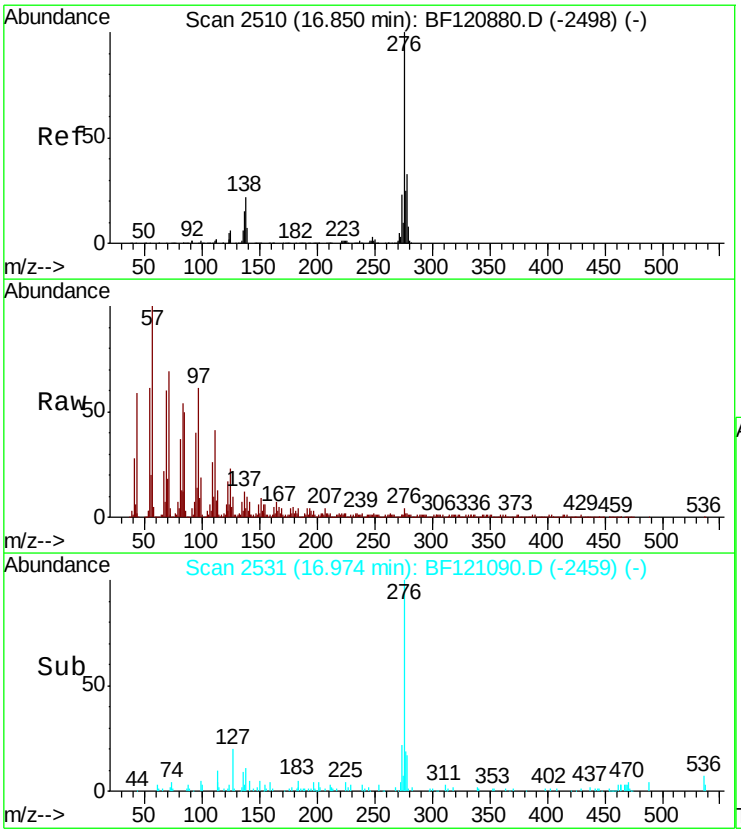
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.08 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:264 Resp: 153633

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.0	30.0
265	24.7	17.4	26.2

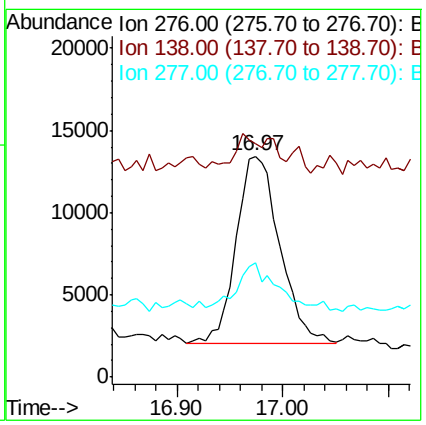


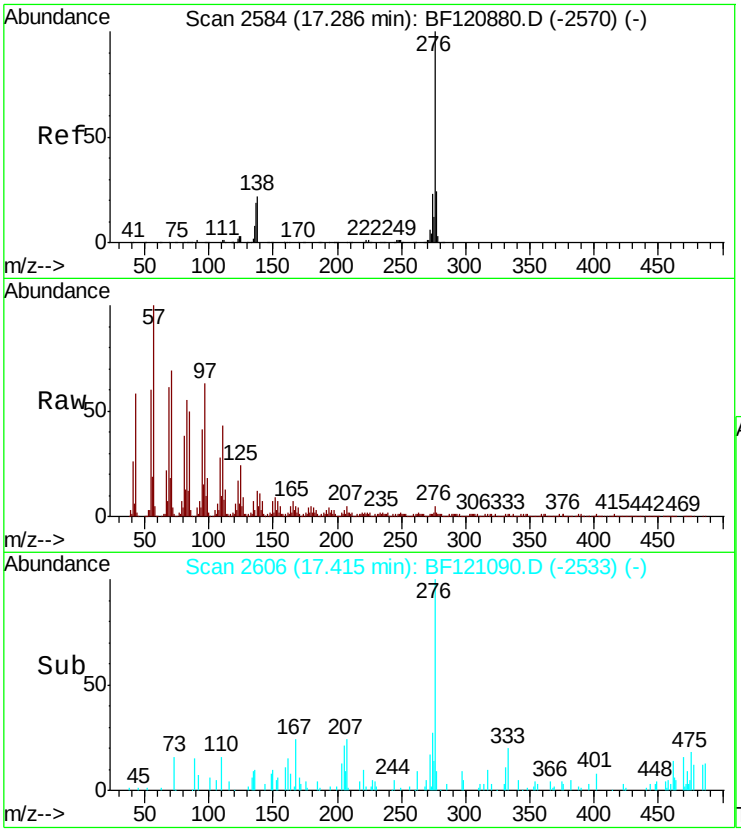


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.024 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.12 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Tgt Ion:276 Resp: 32308

Ion	Ratio	Lower	Upper
276	100		
138	9.7	19.8	29.8#
277	20.0	20.2	30.2#





#92
Benzo(g,h,i)perylene
Concen: 4.392 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.13 min
Lab File: BF121090.D
Acq: 29 Jul 2020 1:59

Instrument :
BNA_F
ClientSampleId :
PS-DRUM

Tgt Ion:276 Resp: 37793

Ion	Ratio	Lower	Upper
276	100		
277	42.6	18.8	28.2#
138	94.8	17.5	26.3#