Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090920\
Data File : BN011780.D
Acq On : 10 Sep 2020 04:12
Operator : CG/JU
Sample : L3903-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SA-PZ123I-20200902

Quant Time: Sep 10 05:11:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 10:54:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2231	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	8141	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	4870	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	10620	0.40	ng		0.00
29) Chrysene-d12	21.30	240	10179	0.40	ng		-0.01
36) Perylene-d12	23.55	264	9971	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	949	0.15	ng		0.00
5) Phenol-d6	6.89	99	695	0.08	ng		0.00
8) Nitrobenzene-d5	8.87	82	2807	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.10	152	4535	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	796	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.99	172	7185	0.35	ng		0.00
27) Fluoranthene-d10	19.15	212	10646	0.31	ng		0.00
31) Terphenyl-d14	19.75	244	9677	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	4820	1.344	ng		97
9) Naphthalene	10.55	128	739	0.032	ng	#	67
24) Pentachlorophenol	16.76	266	136	0.045	ng	#	88
30) Pyrene	19.54	202	1606	0.045	ng		96
34) Bis(2-ethylhexyl)phthalate	21.23	149	332	0.022	ng		94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 10:54:46 2020
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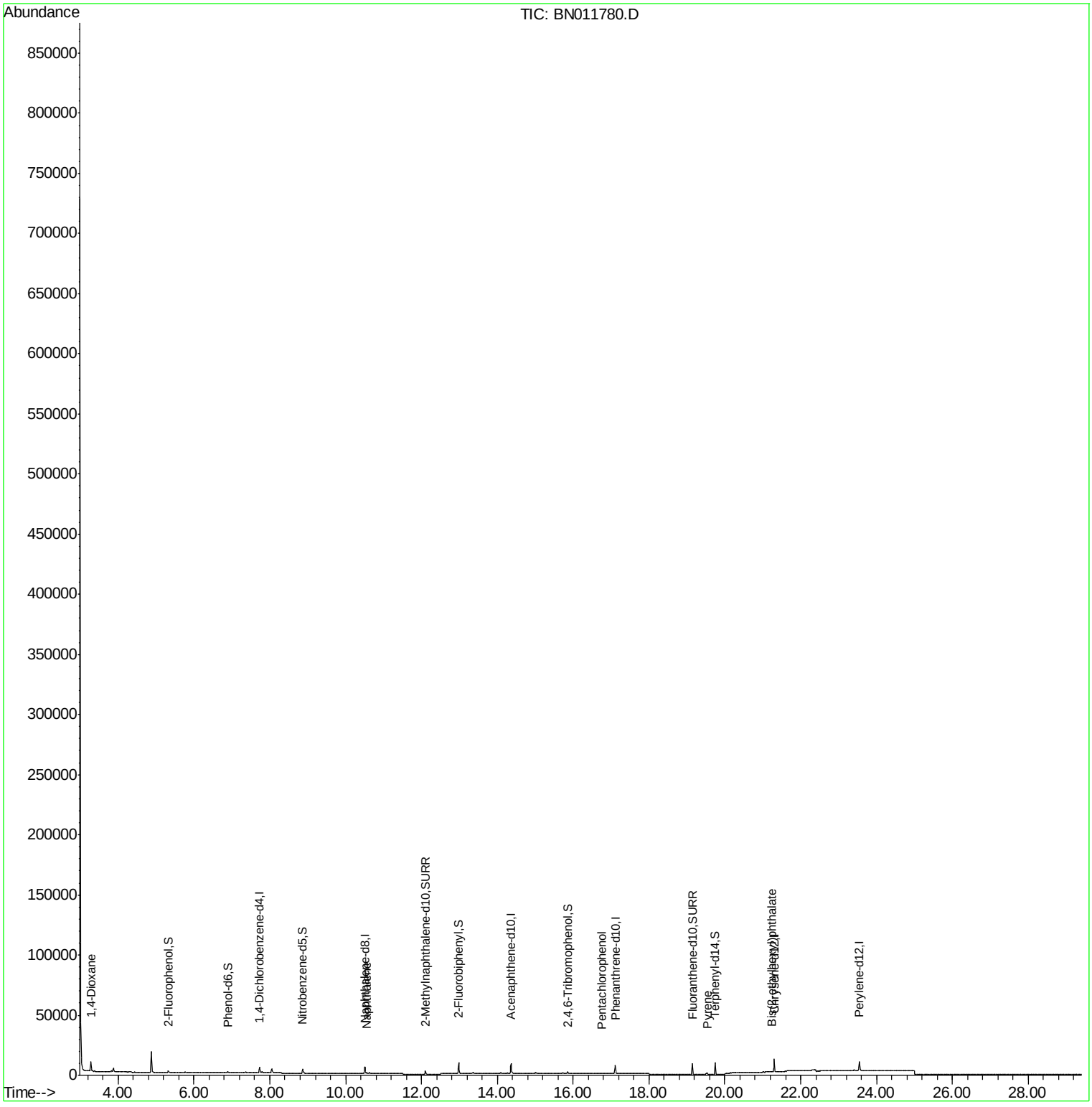
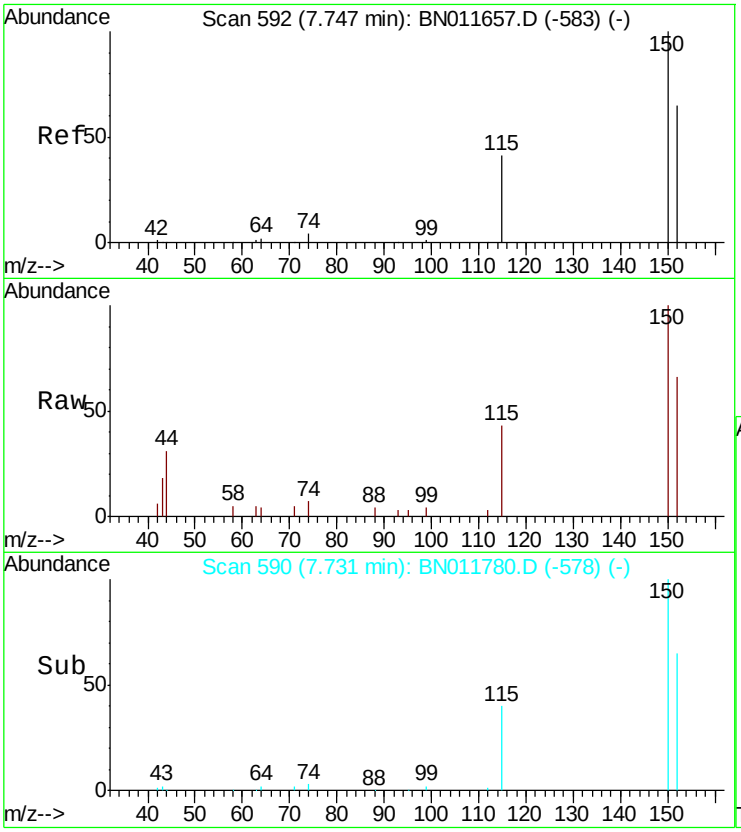


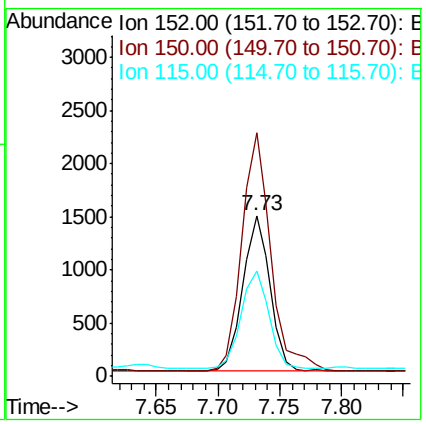


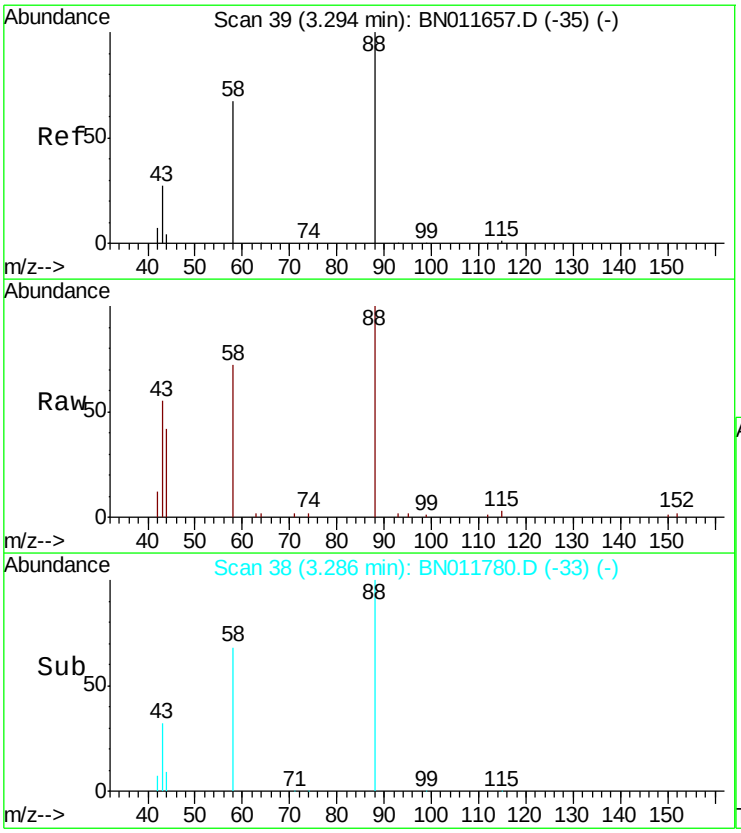
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:152 Resp: 2231

Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.0	181.6
115	65.6	52.6	78.8

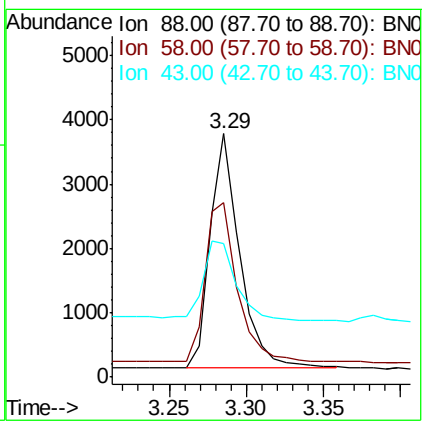


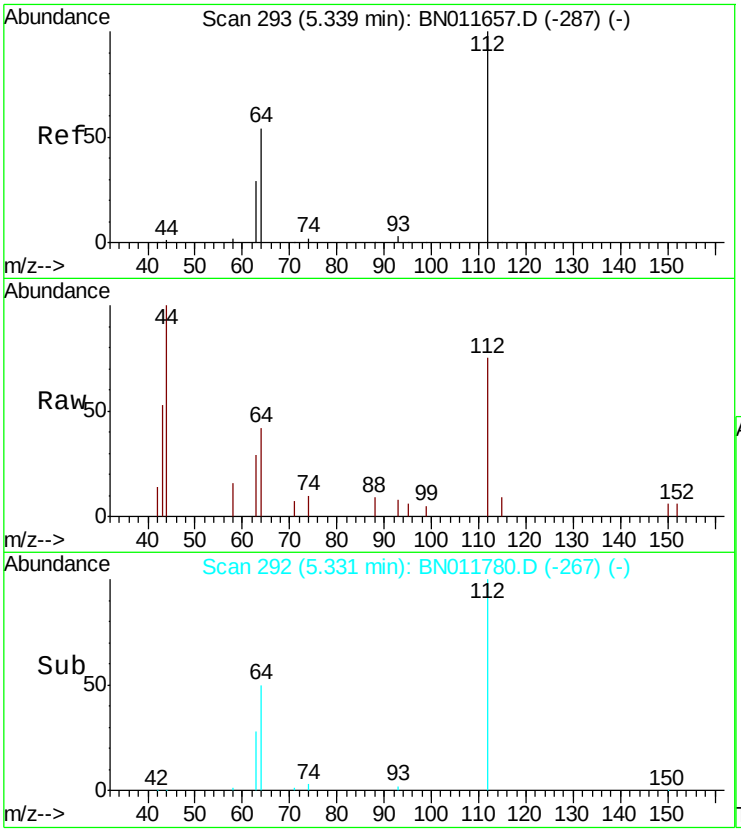


#2
1,4-Dioxane
Concen: 1.344 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion: 88 Resp: 4820

Ion	Ratio	Lower	Upper
88	100		
58	73.9	61.4	92.0
43	37.9	29.8	44.8



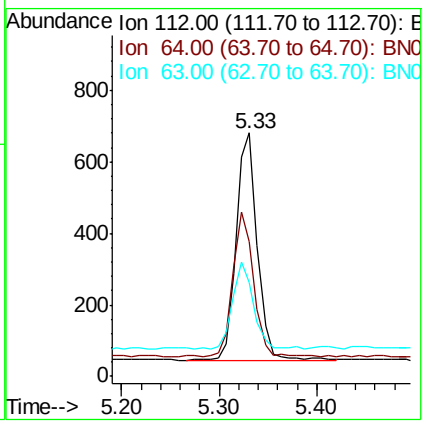


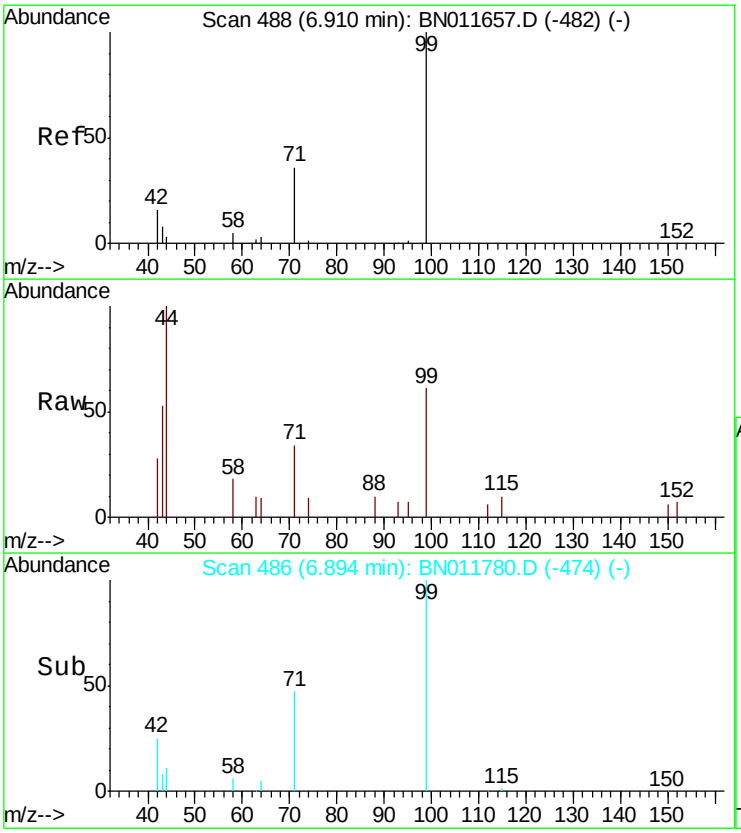
#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.33 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:112 Resp: 949

Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.7	74.5
63	39.1	29.4	44.0

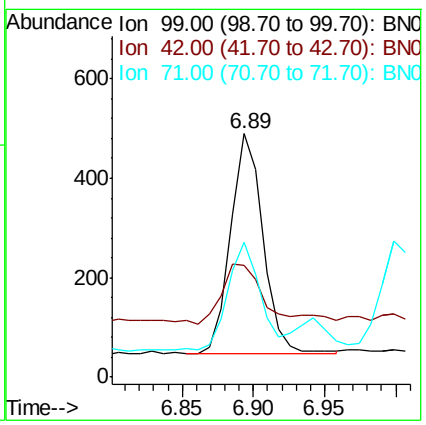


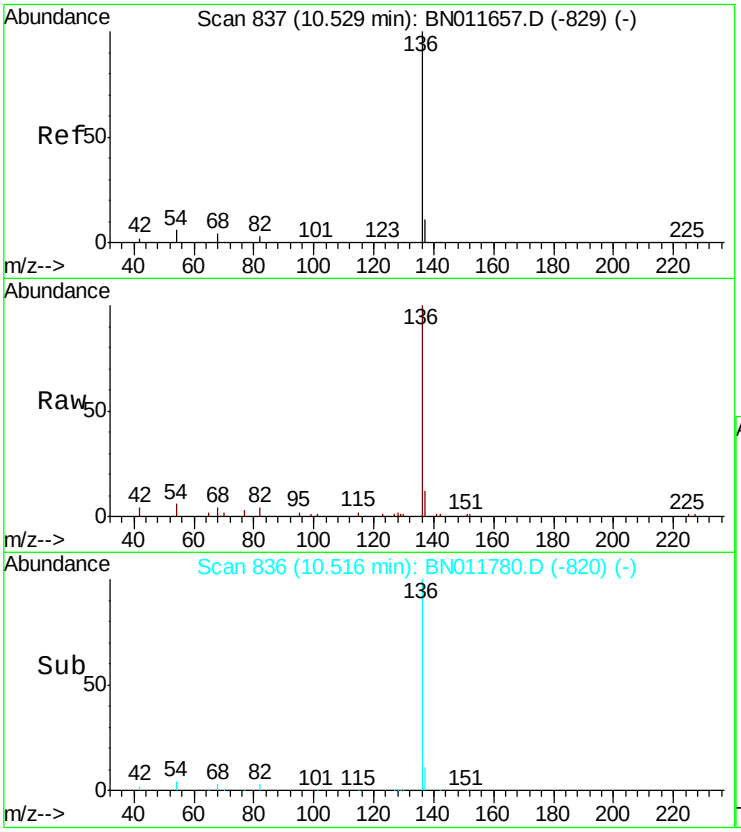


#5
Phenol-d6
Concen: 0.081 ng
RT: 6.89 min Scan# 486
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion: 99 Resp: 695

Ion	Ratio	Lower	Upper
99	100		
42	38.4	20.2	30.2#
71	50.5	33.3	49.9#



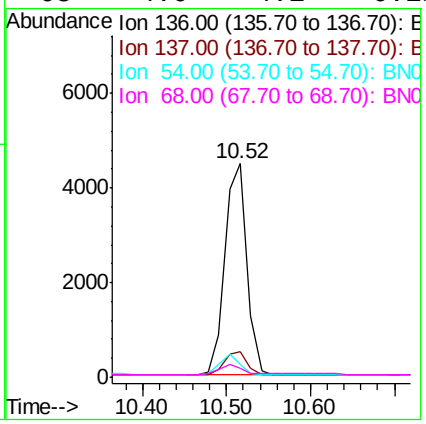


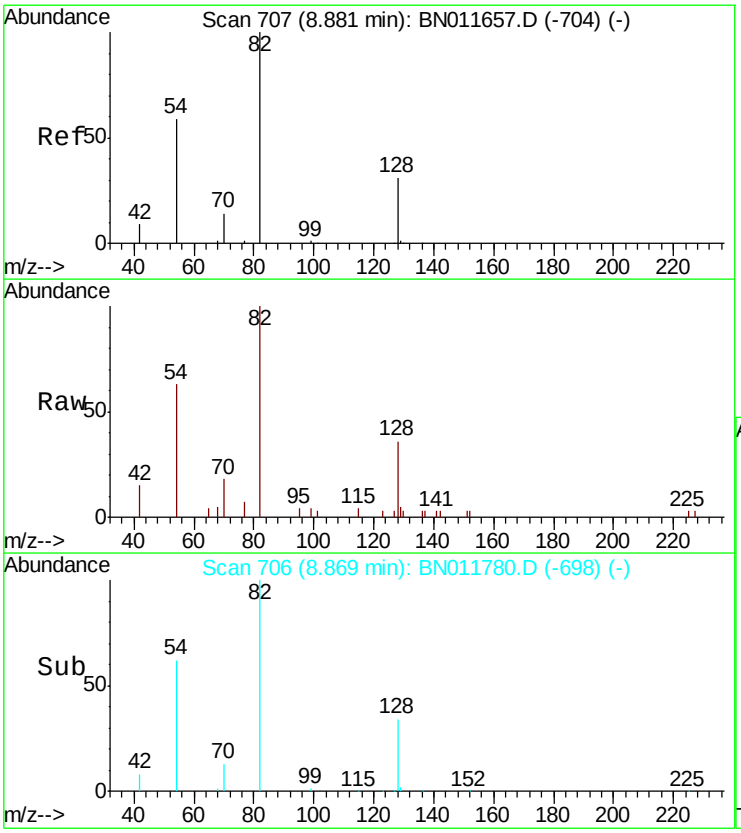
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 836
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:136 Resp: 8141

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	5.7	5.8	8.8#
68	4.0	4.1	6.1#

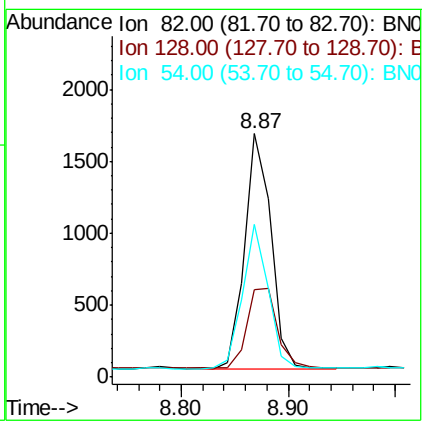


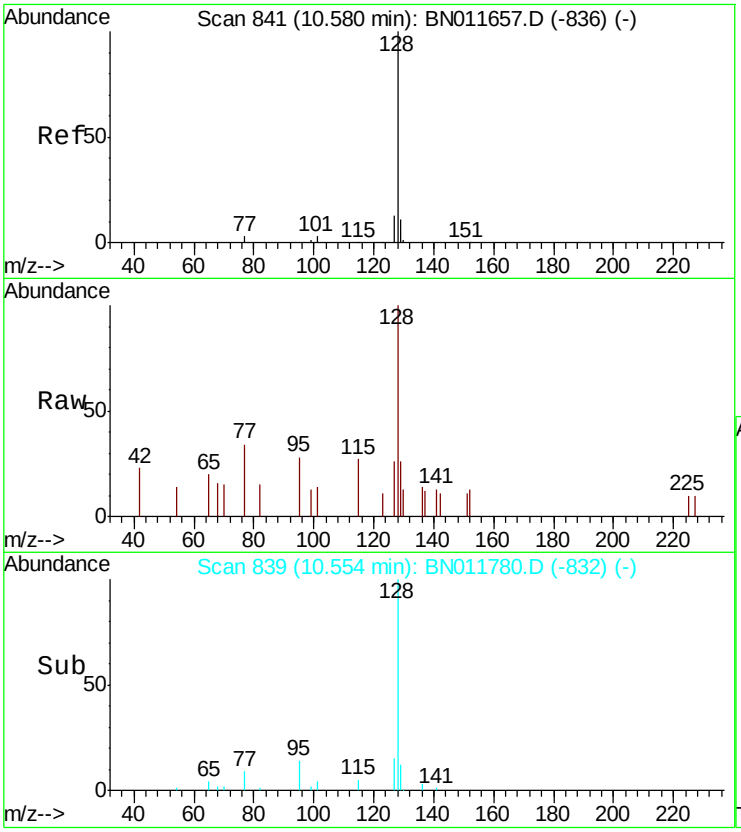


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.87 min Scan# 706
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion: 82 Resp: 2807

Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.2	39.2
54	63.0	48.2	72.4



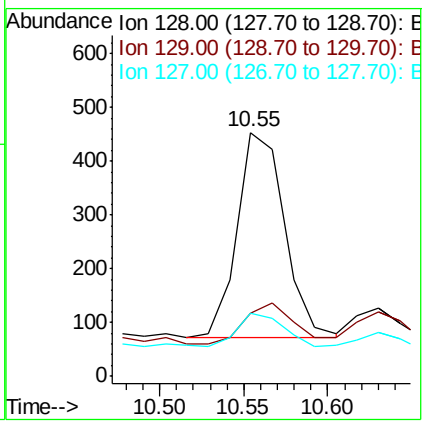


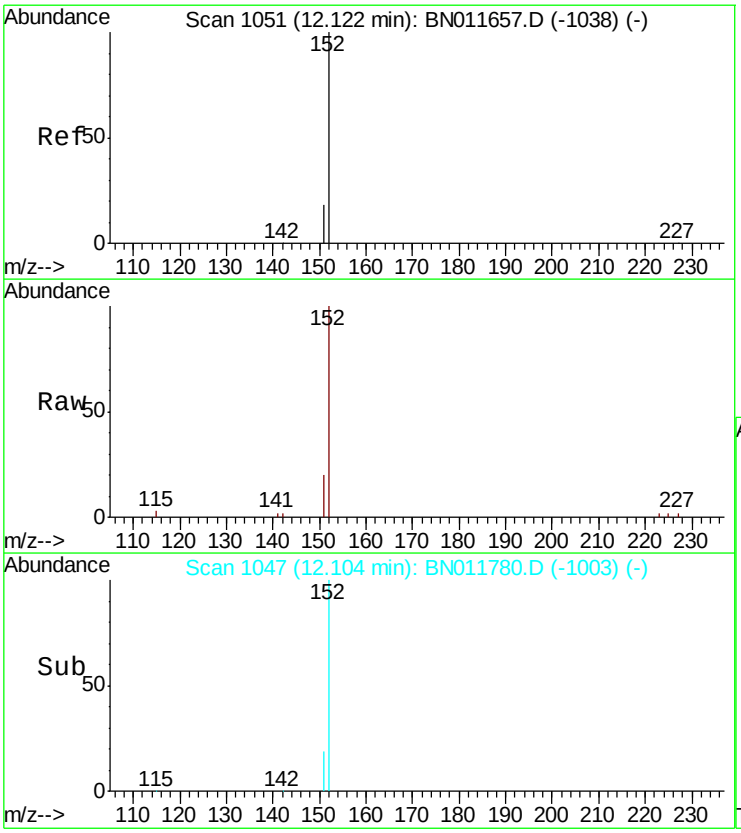
#9
Naphthalene
Concen: 0.032 ng
RT: 10.55 min Scan# 839
Delta R.T. -0.01 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:128 Resp: 739

Ion	Ratio	Lower	Upper
128	100		
129	25.8	9.4	14.2#
127	25.6	10.8	16.2#

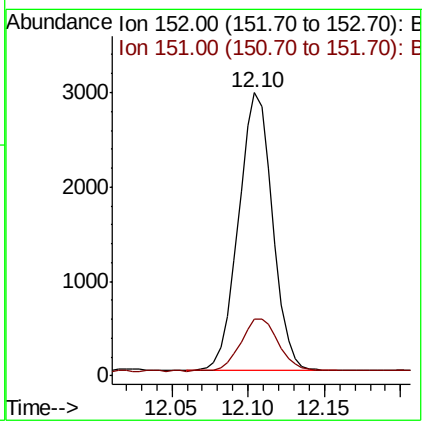


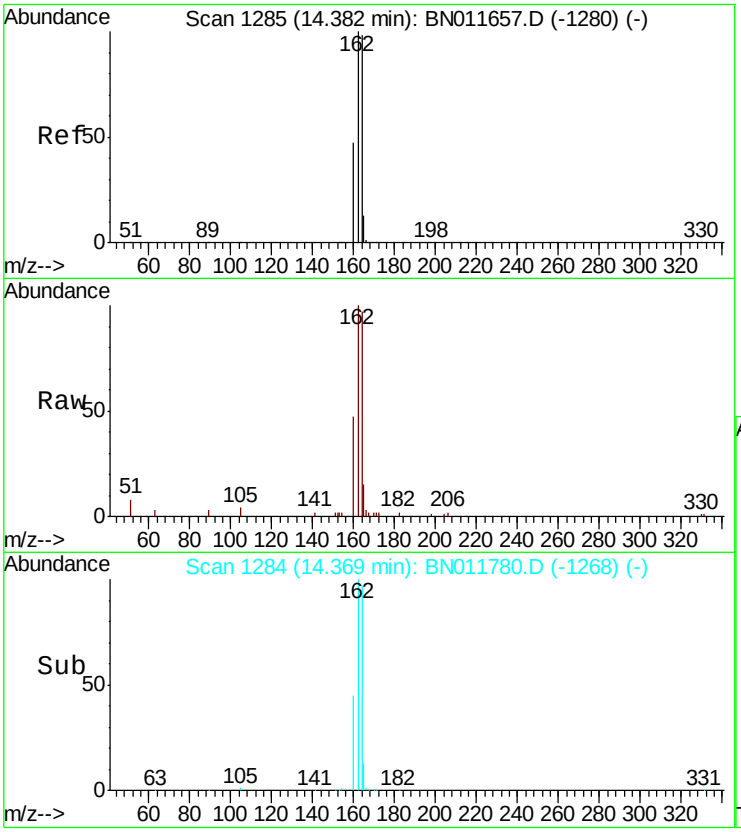


#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.10 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion:152 Resp: 4535

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1



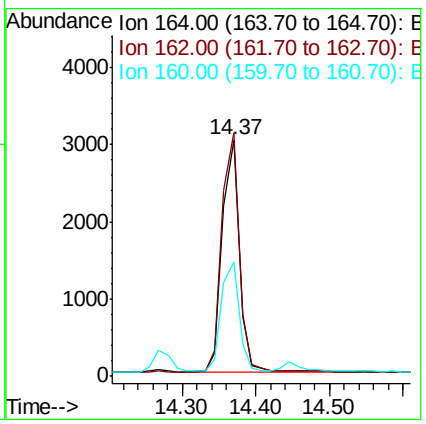


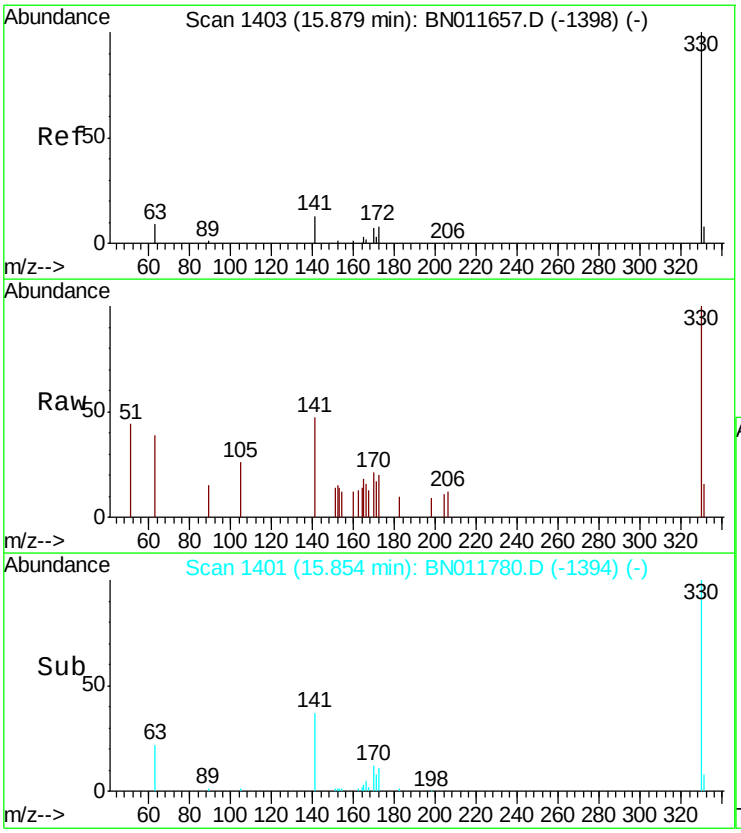
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:164 Resp: 4870

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	48.1	38.5	57.7

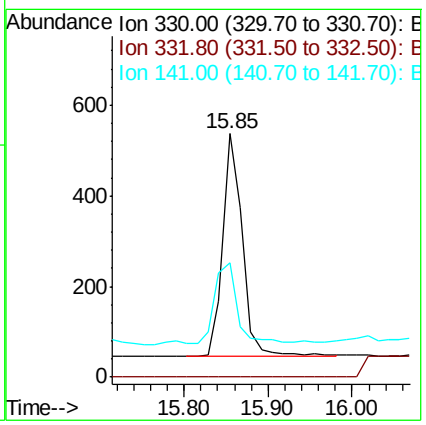


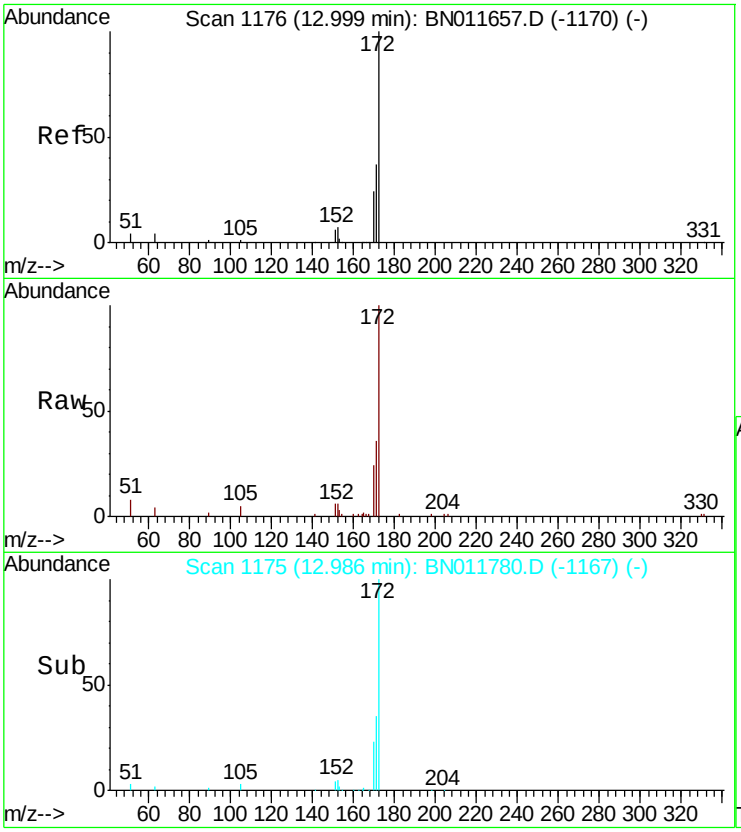


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.85 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion:330 Resp: 796

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.6	29.8	44.8



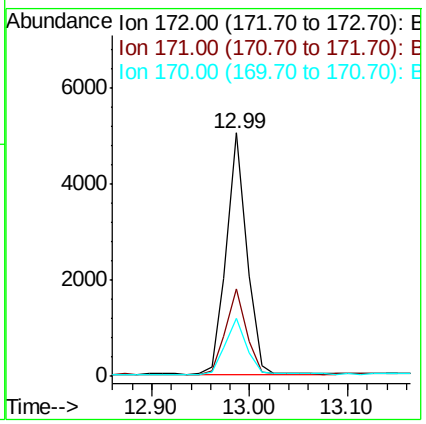


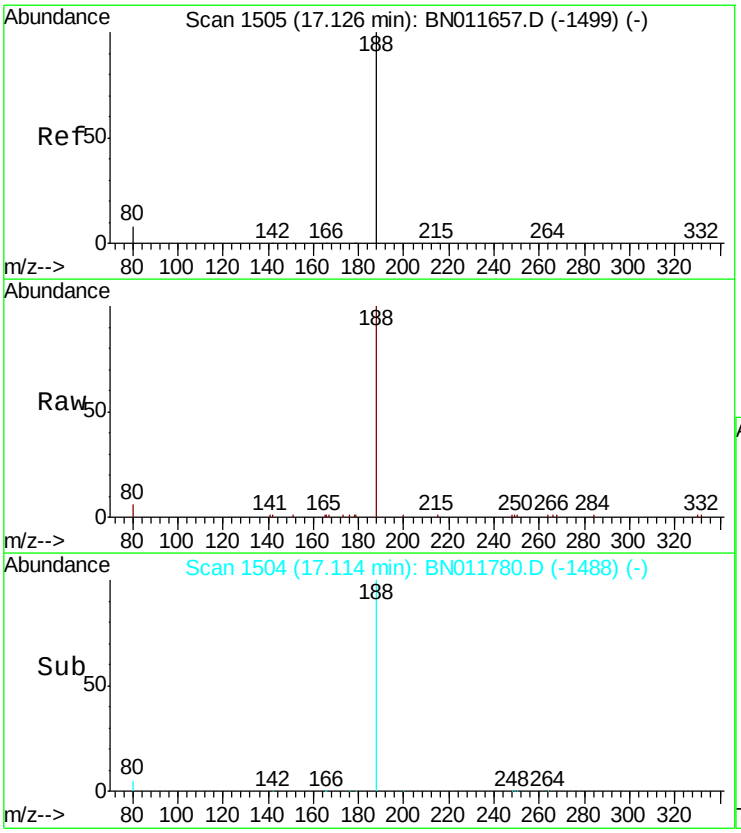
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:172 Resp: 7185

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	23.9	20.1	30.1

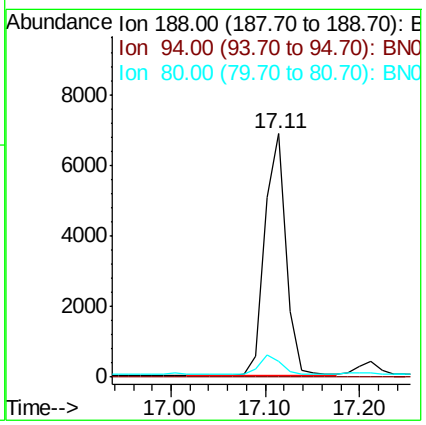


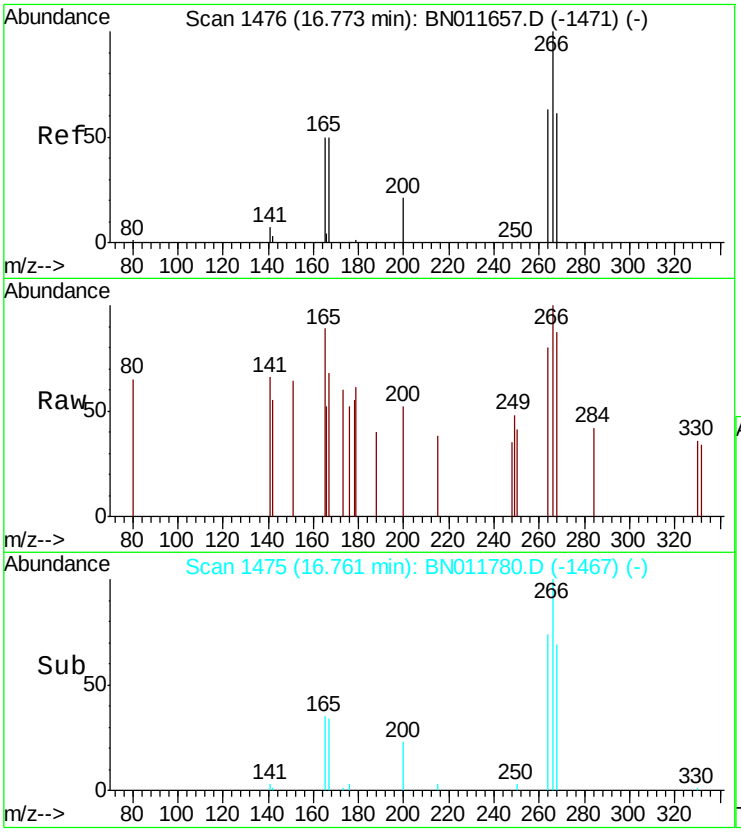


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion:188 Resp: 10620

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.6	9.8#



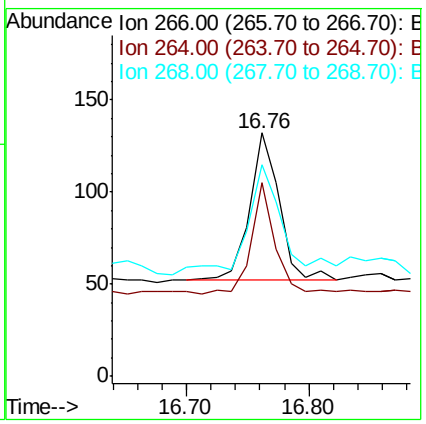


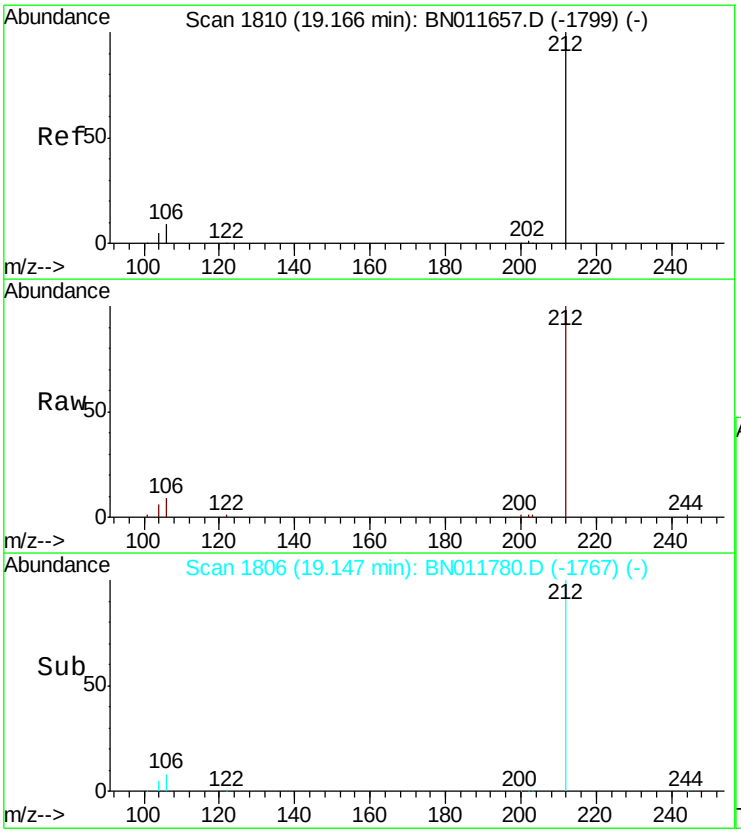
#24
Pentachlorophenol
Concen: 0.045 ng
RT: 16.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:266 Resp: 136

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.5	74.3
268	84.6	53.0	79.4#

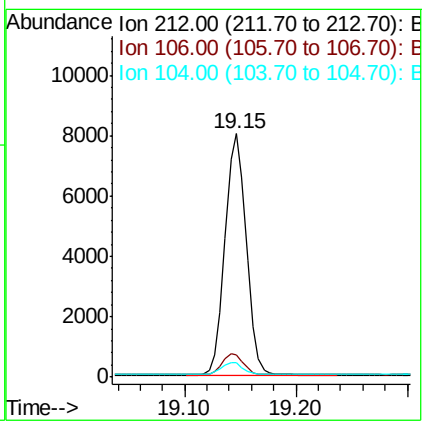


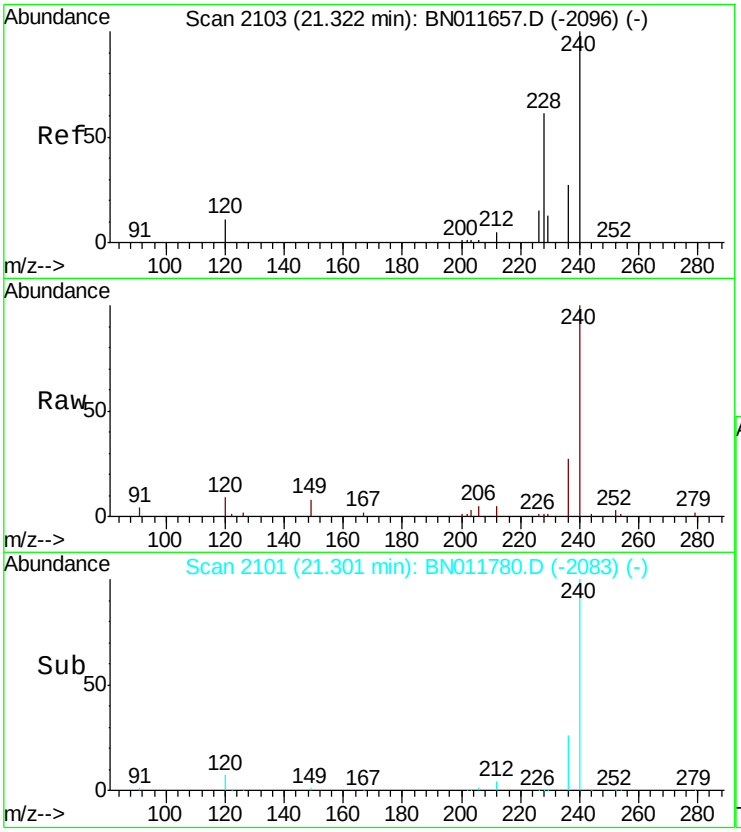


#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.15 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion:212 Resp: 10646

Ion	Ratio	Lower	Upper
212	100		
106	8.7	7.6	11.4
104	5.1	4.6	6.8



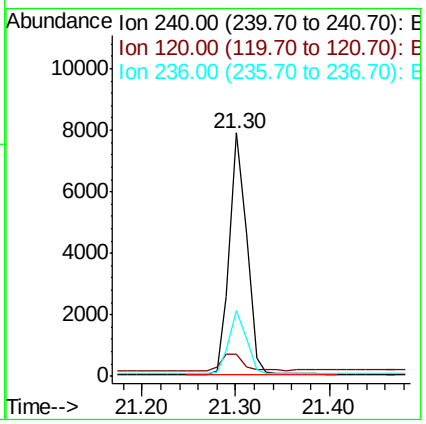


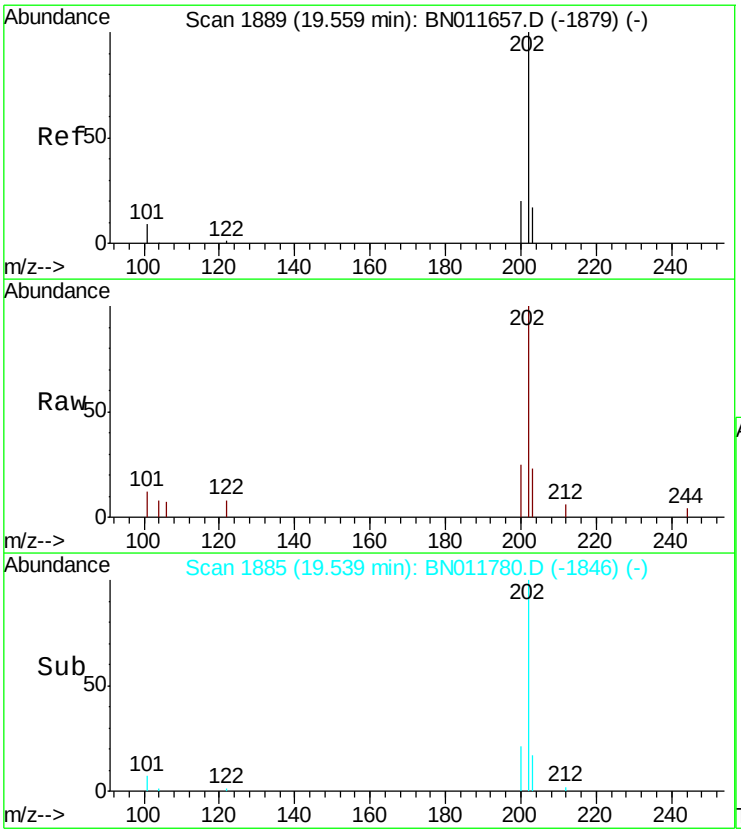
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:240 Resp: 10179

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.9	14.9#
236	27.1	22.2	33.4

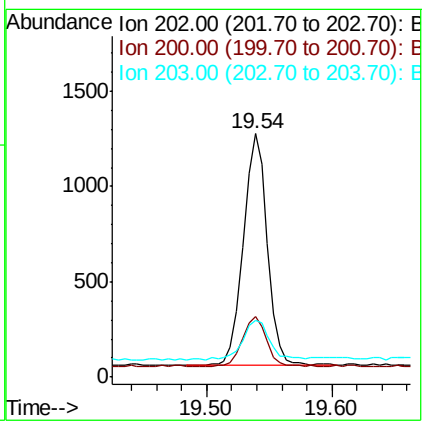


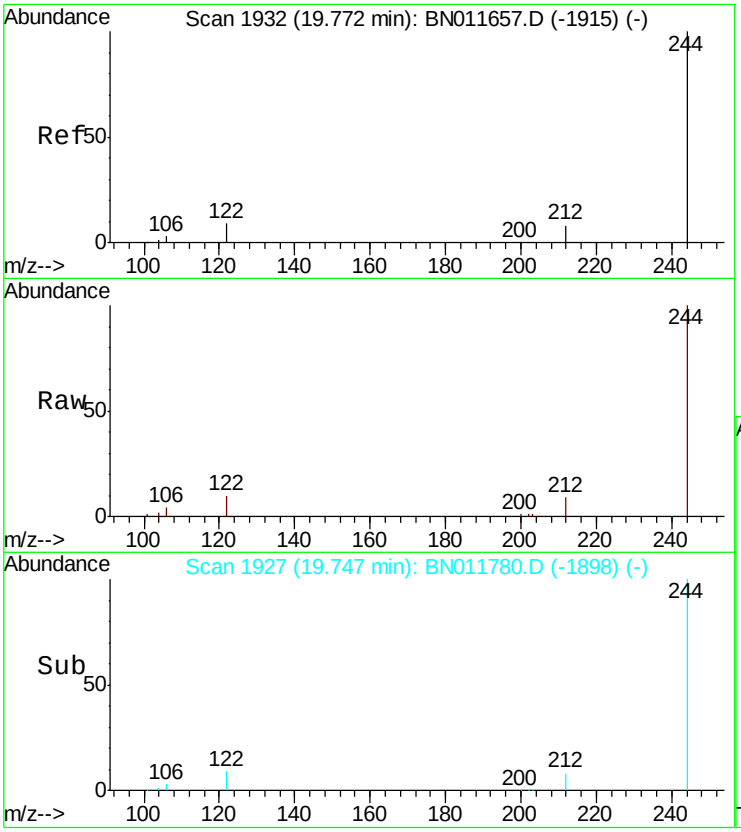


#30
Pyrene
Concen: 0.045 ng
RT: 19.54 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion:202 Resp: 1606

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.3	24.5
203	19.1	14.1	21.1



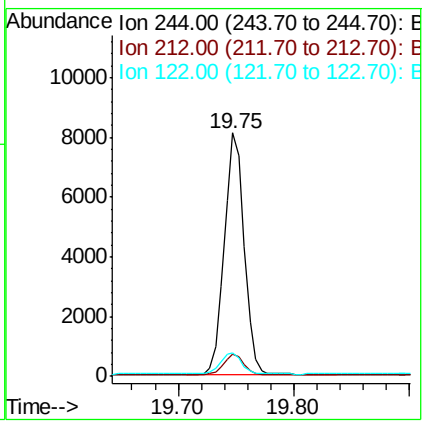


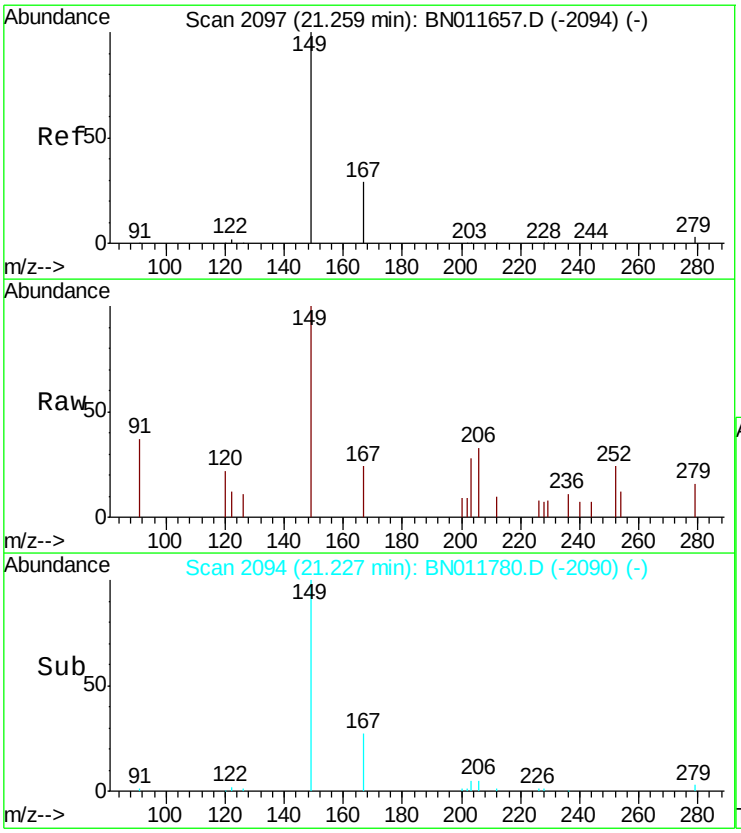
#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.75 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:244 Resp: 9677

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	9.8	7.4	11.2

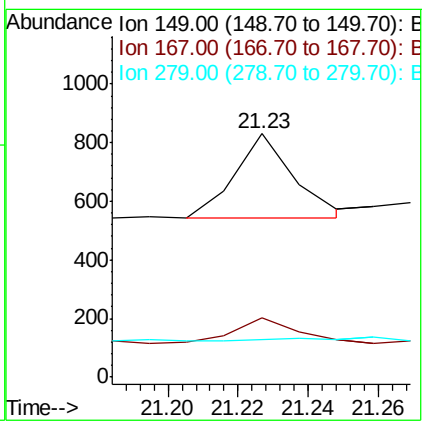


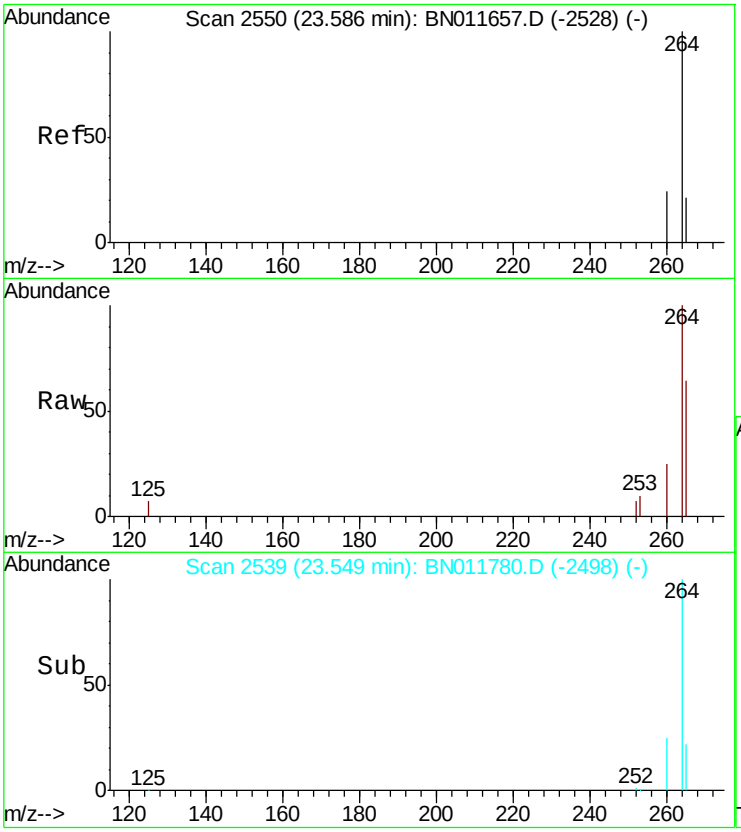


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.022 ng
RT: 21.23 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Tgt Ion:149 Resp: 332

Ion	Ratio	Lower	Upper
149	100		
167	32.5	23.2	34.8
279	5.4	4.0	6.0





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.55 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BN011780.D
Acq: 10 Sep 2020 04:12

Instrument :
BNA_N
ClientSampleId :
SA-PZ123I-20200902

Tgt Ion:264 Resp: 9971

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	64.0	38.9	58.3#