Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
Data File : BN011281.D
Acq On : 28 Jul 2020 15:42
Operator : CG/JU
Sample : PB130451BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130451BL

Quant Time: Jul 28 16:14:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 14:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1756	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5632	0.40	ng	0.01
13) Acenaphthene-d10	14.12	164	3216	0.40	ng	0.01
19) Phenanthrene-d10	16.88	188	6272	0.40	ng	0.02
29) Chrysene-d12	21.10	240	4955	0.40	ng	0.01
36) Perylene-d12	23.23	264	5135	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.14	112	1672	0.36	ng	0.00
5) Phenol-d6	6.68	99	1577	0.28	ng	0.00
8) Nitrobenzene-d5	8.64	82	1760	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	11.85	152	2825	0.27	ng	0.02
14) 2,4,6-Tribromophenol	15.65	330	309	0.21	ng	0.04
15) 2-Fluorobiphenyl	12.73	172	4969	0.36	ng	0.01
27) Fluoranthene-d10	18.92	212	5689	0.30	ng	0.01
31) Terphenyl-d14	19.53	244	5785	0.39	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylphenol	15.30	198	3	0.196	ng	# 5
23) Atrazine	16.02	200	235	0.073	ng	# 8

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

Quantitation Report (Not Reviewed)

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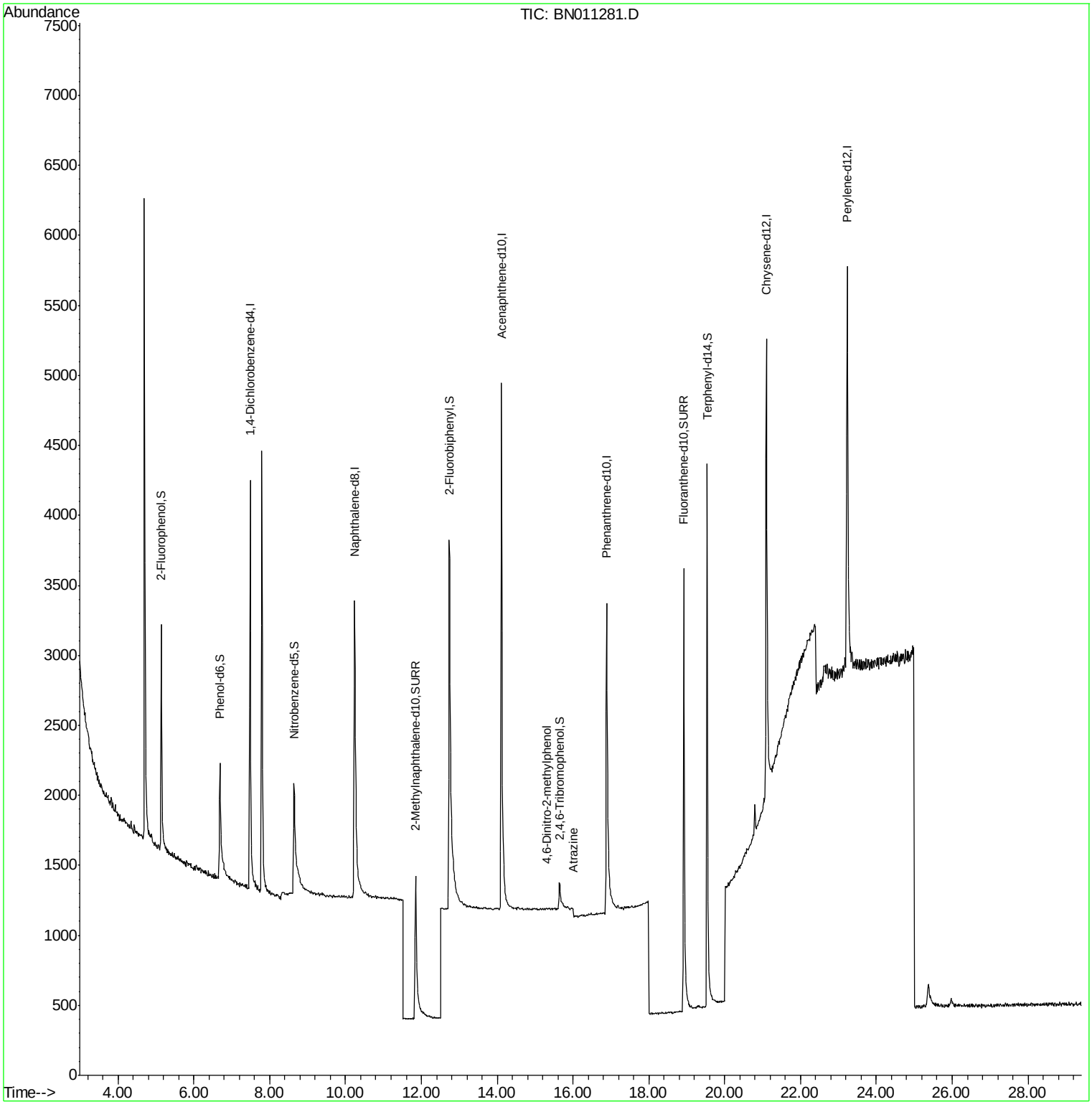
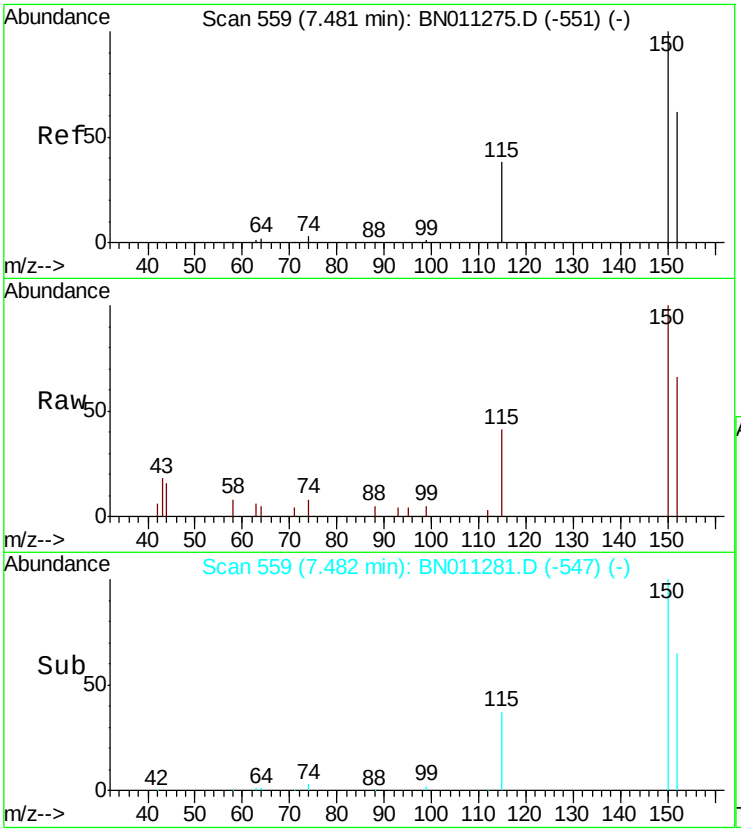


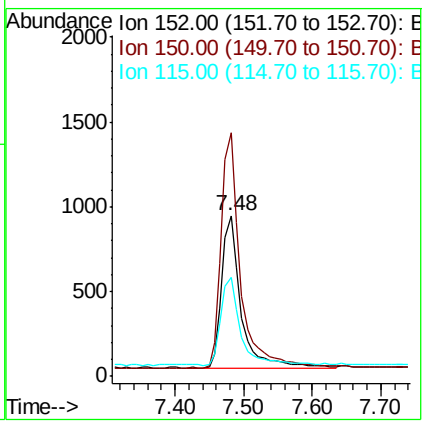


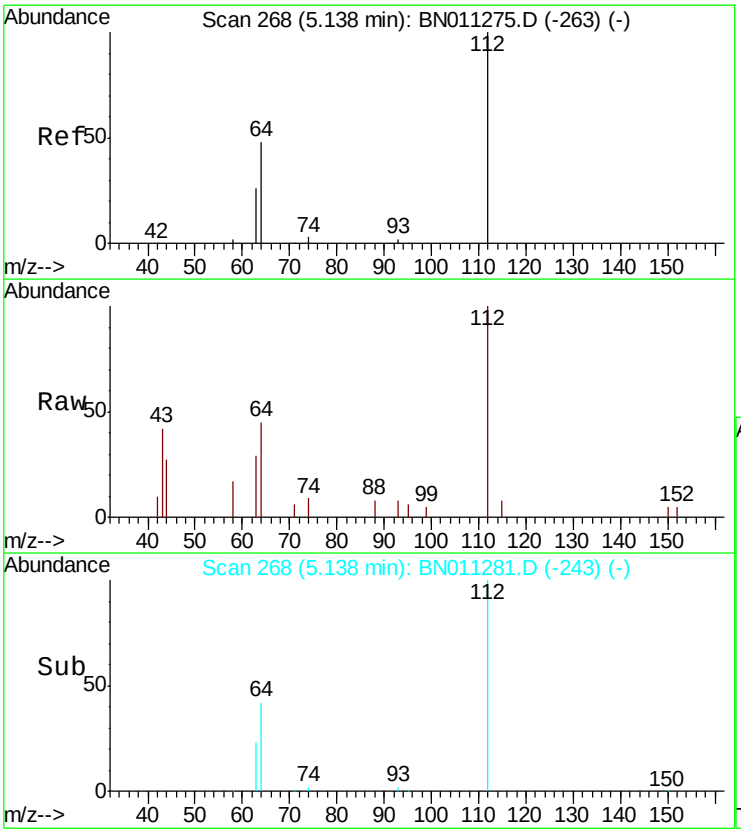
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 559
Delta R.T. 0.00 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB130451BL

Tgt Ion:152 Resp: 1756

Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.5	189.7
115	61.7	51.9	77.9

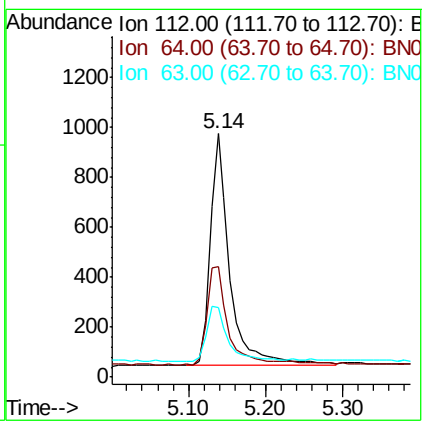


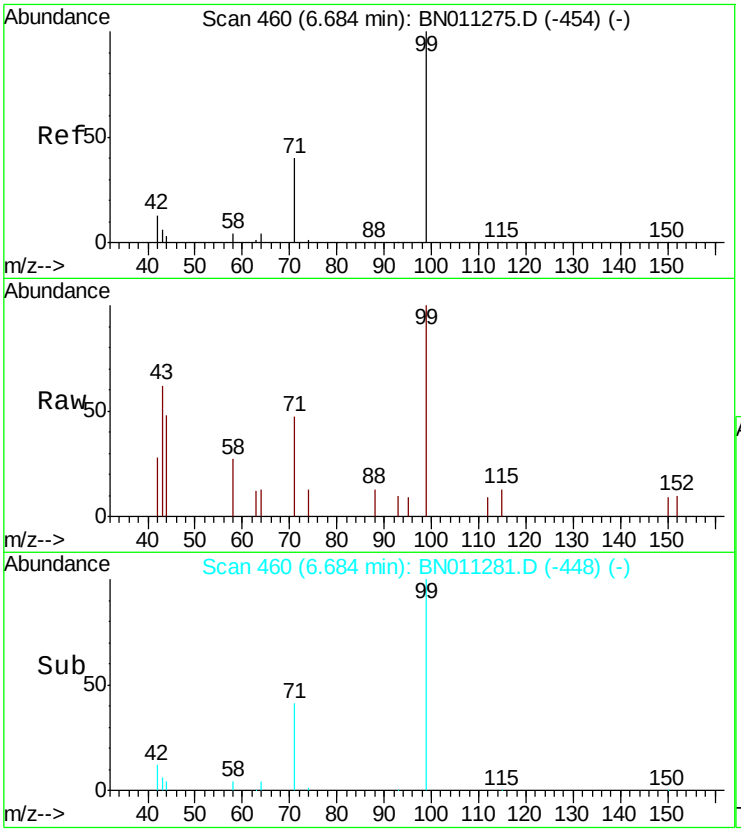


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.14 min Scan# 268
Delta R.T. 0.00 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Tgt Ion:112 Resp: 1672

Ion	Ratio	Lower	Upper
112	100		
64	45.8	35.8	53.6
63	26.3	19.3	28.9



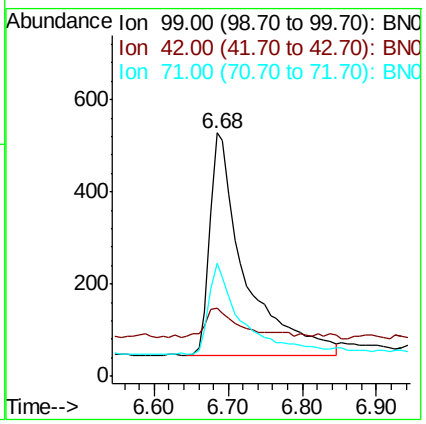


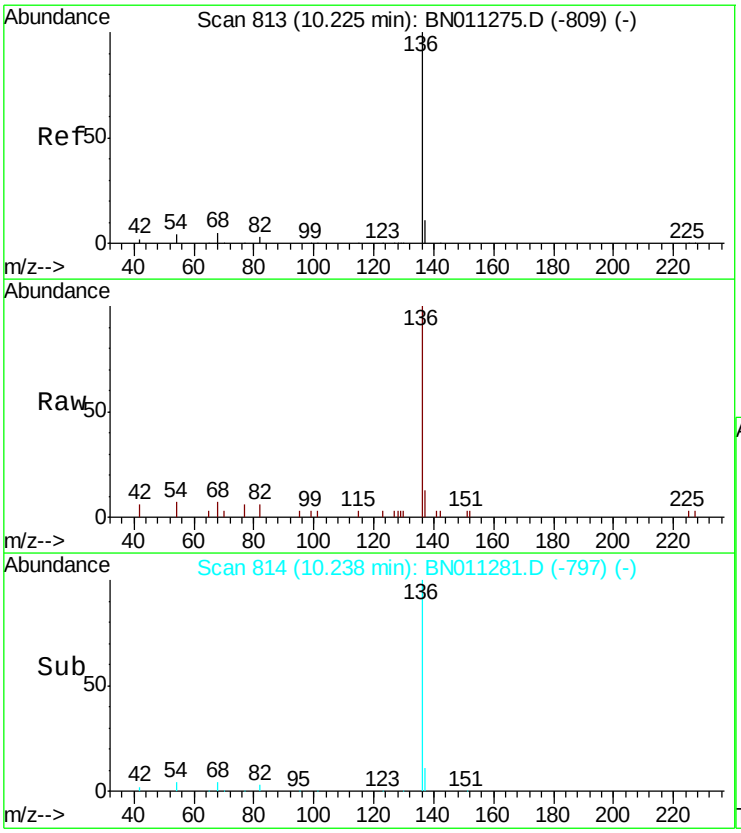
#5
Phenol-d6
Concen: 0.281 ng
RT: 6.68 min Scan# 460
Delta R.T. 0.00 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB130451BL

Tgt Ion: 99 Resp: 1577

Ion	Ratio	Lower	Upper
99	100		
42	12.0	11.2	16.8
71	38.4	30.6	45.8

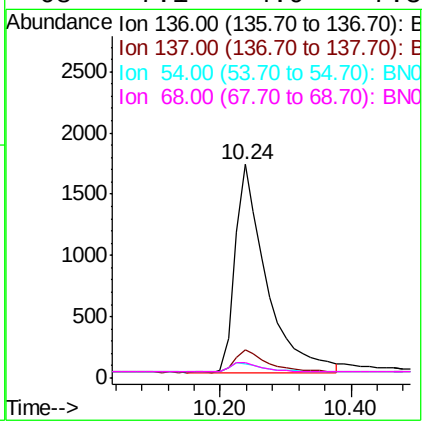


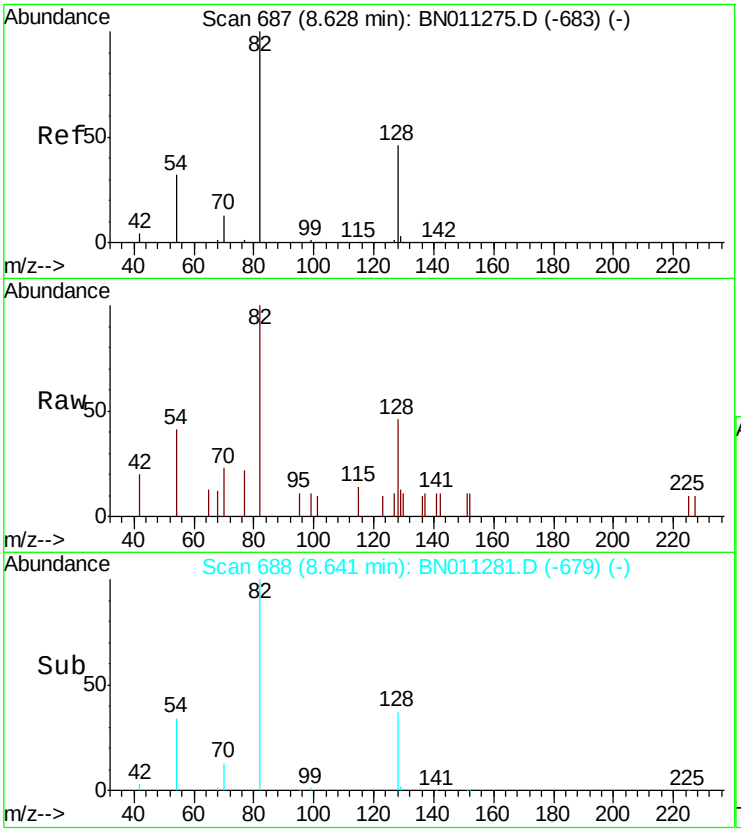


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 814
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Tgt Ion:136 Resp: 5632

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.9	14.9
54	6.8	4.8	7.2
68	7.1	4.9	7.3



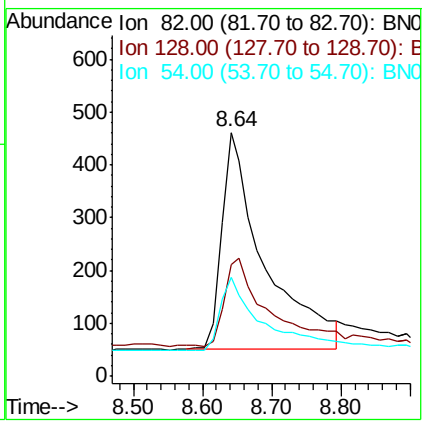


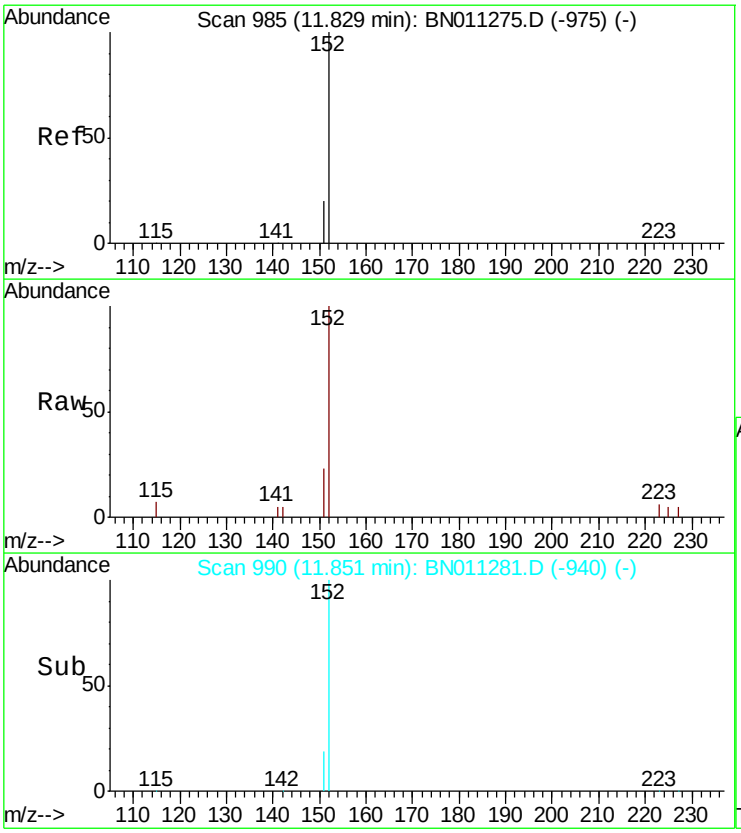
#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.64 min Scan# 688
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB130451BL

Tgt Ion: 82 Resp: 1760

Ion	Ratio	Lower	Upper
82	100		
128	45.8	40.1	60.1
54	40.6	29.0	43.6

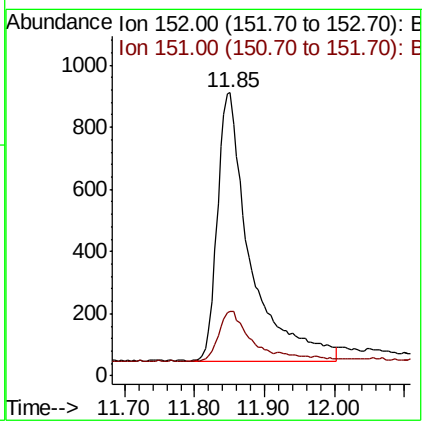


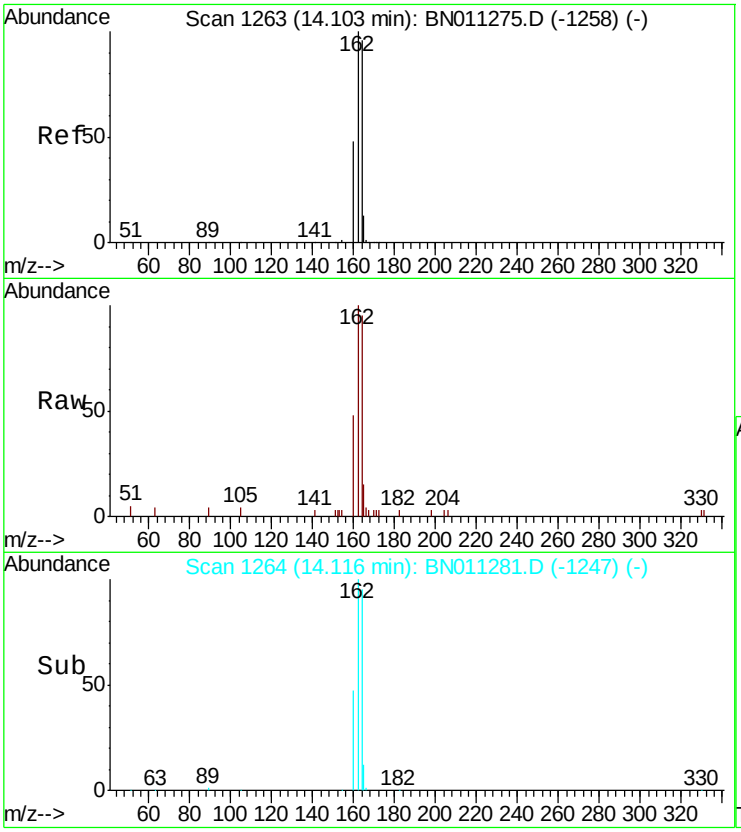


#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 11.85 min Scan# 990
Delta R.T. 0.02 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Tgt Ion:152 Resp: 2825

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.6	24.8



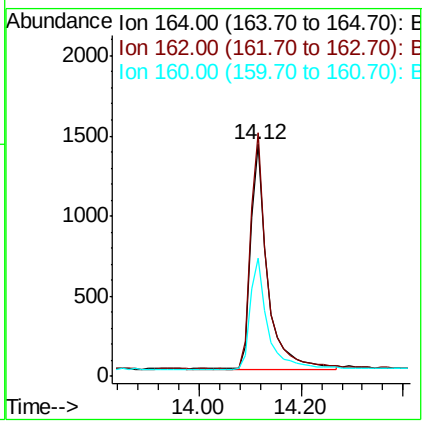


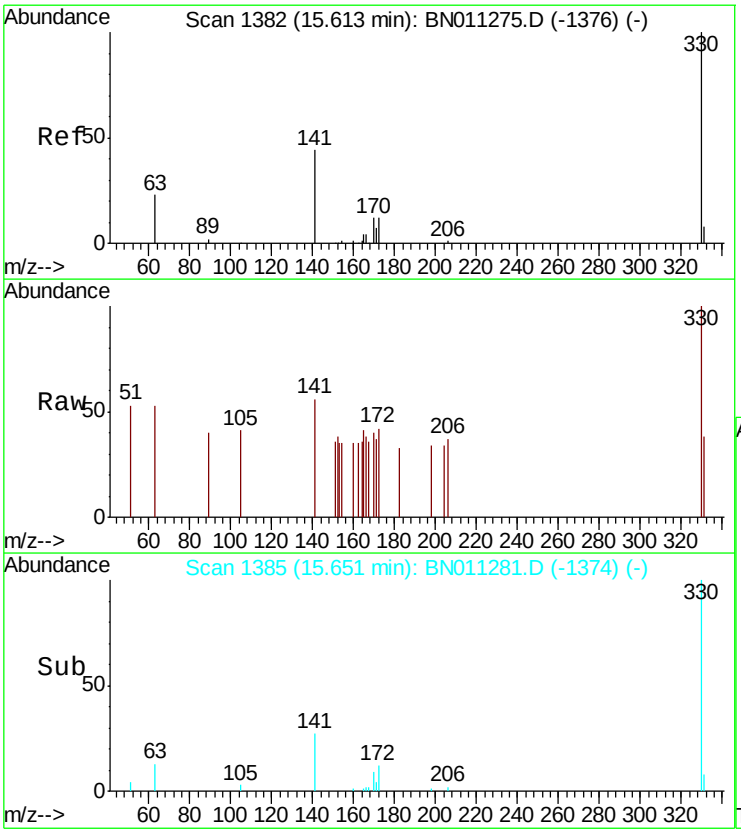
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.12 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB130451BL

Tgt Ion:164 Resp: 3216

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.6	125.4
160	50.9	41.2	61.8

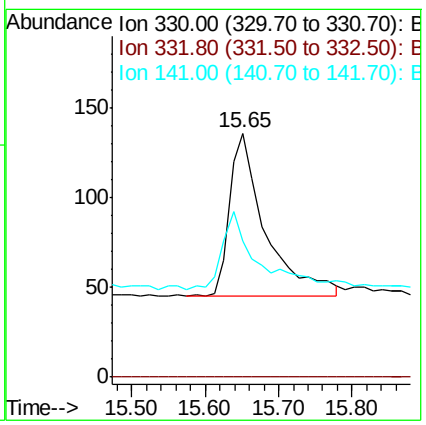


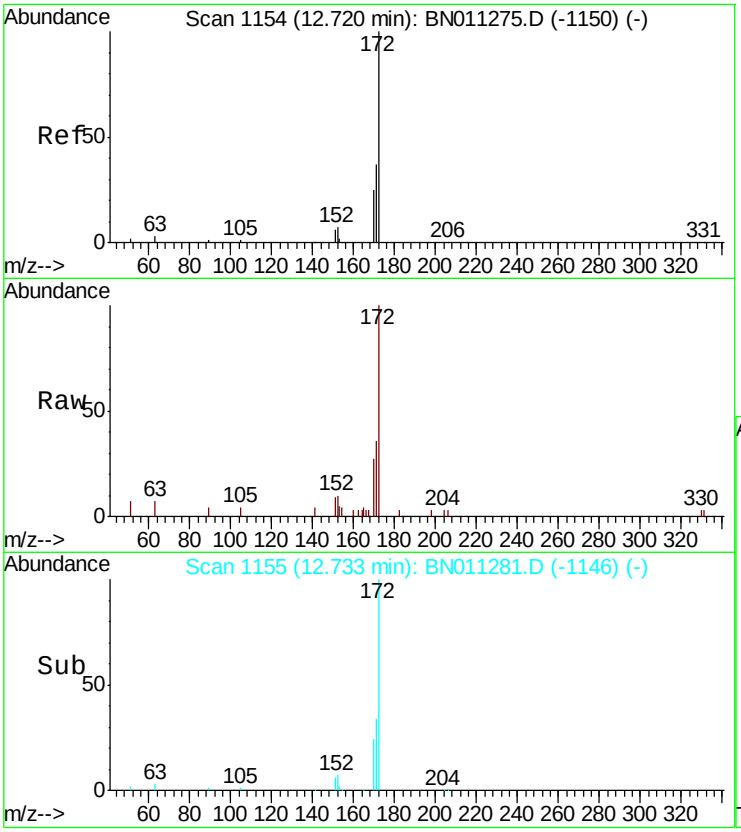


#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.65 min Scan# 1385
Delta R.T. 0.04 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Tgt Ion:330 Resp: 309

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.6	34.2	51.2



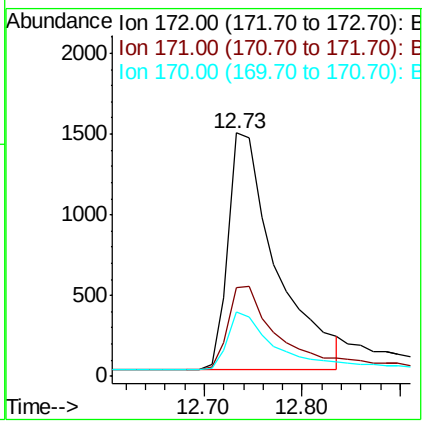


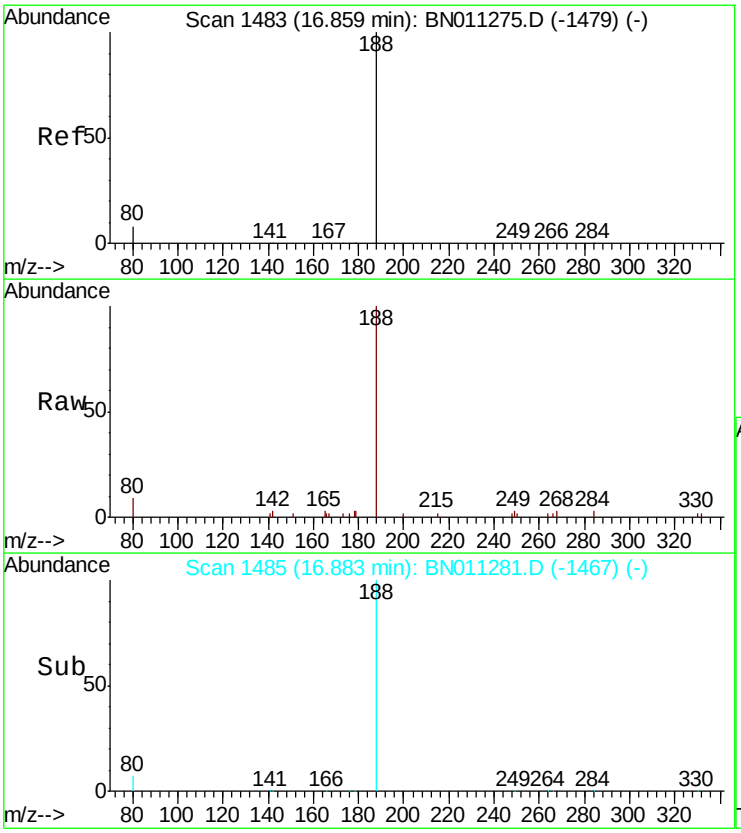
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB130451BL

Tgt Ion:172 Resp: 4969

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	26.6	21.0	31.4

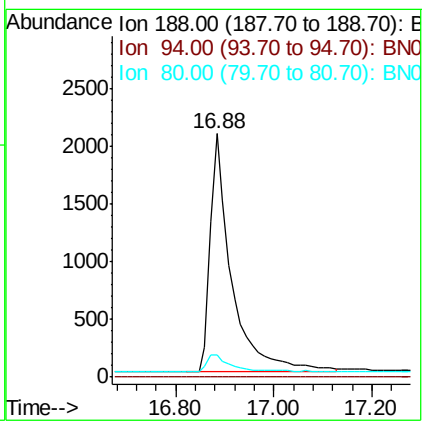


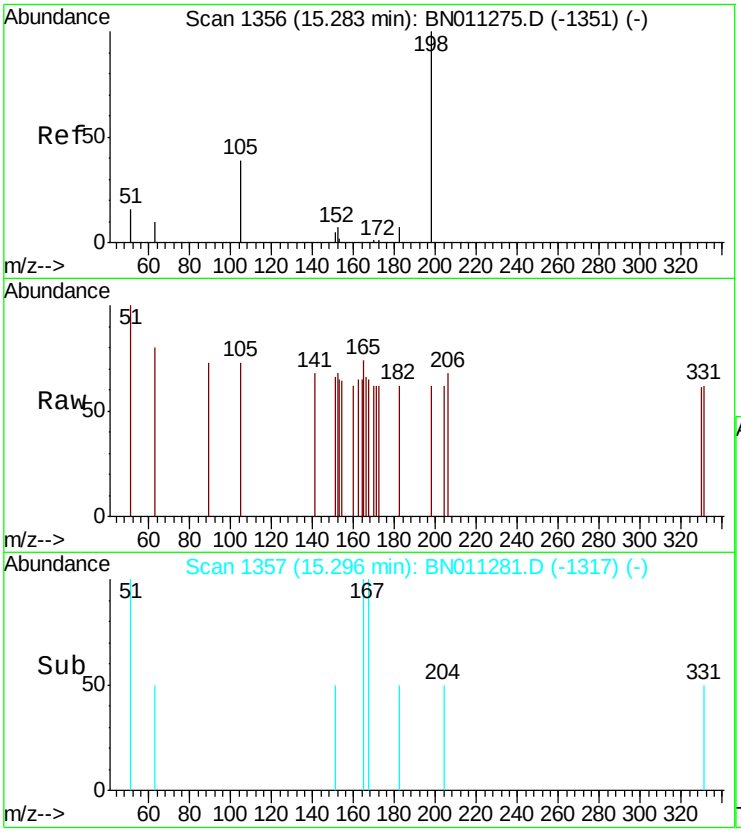


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.88 min Scan# 1485
Delta R.T. 0.02 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Tgt Ion:188 Resp: 6272

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.0



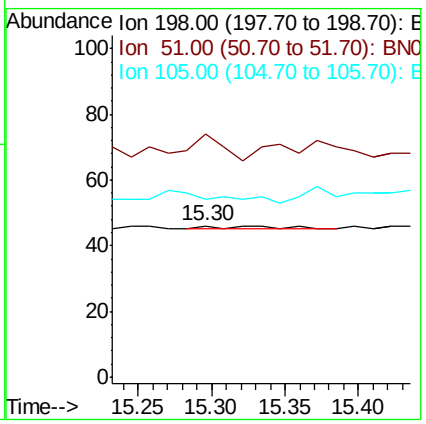


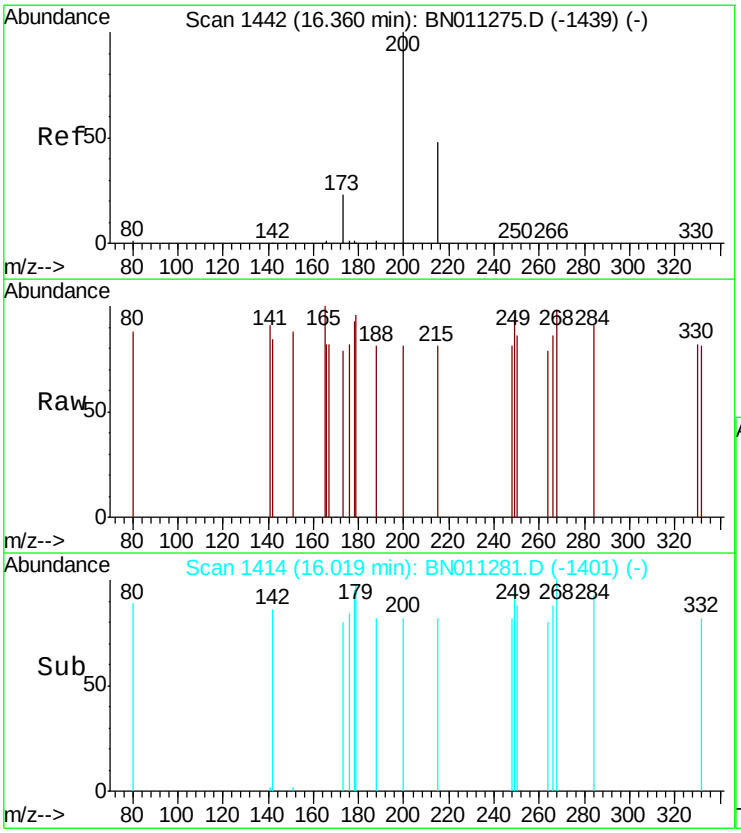
#20
4,6-Dinitro-2-methylphenol
Concen: 0.196 ng
RT: 15.30 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB130451BL

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
51	160.9	49.0	73.6#
105	117.4	53.8	80.6#

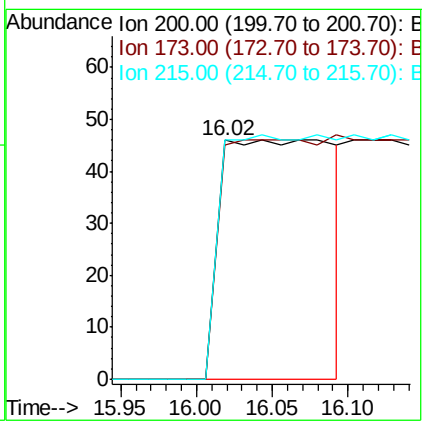


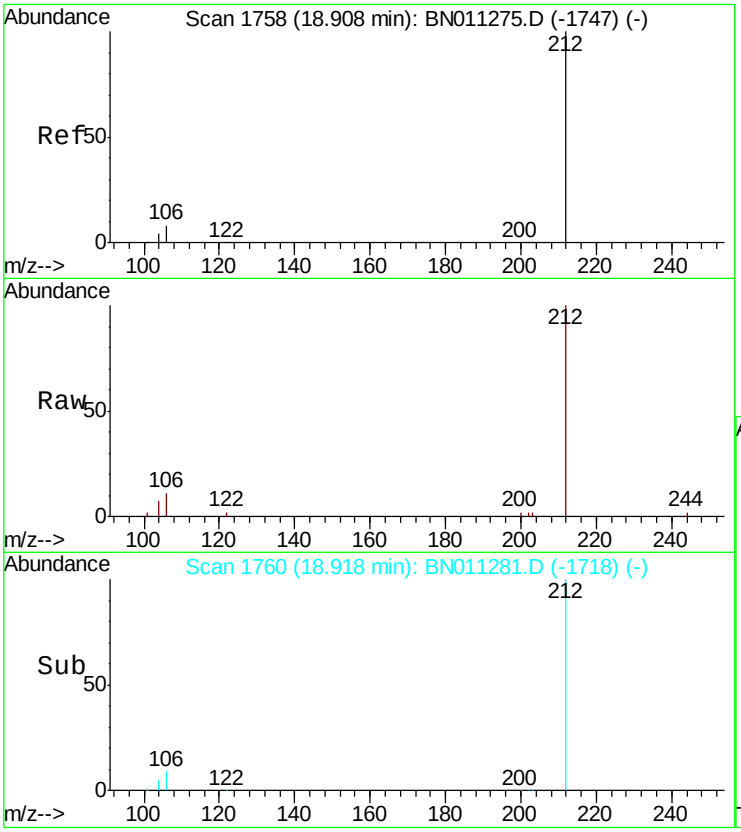


#23
Atrazine
Concen: 0.073 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.34 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Tgt Ion:200 Resp: 235

Ion	Ratio	Lower	Upper
200	100		
173	97.8	22.0	33.0#
215	100.0	41.1	61.7#



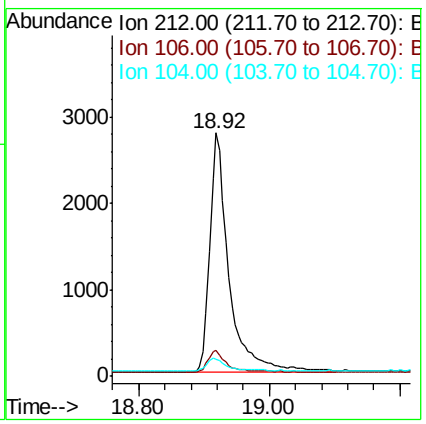


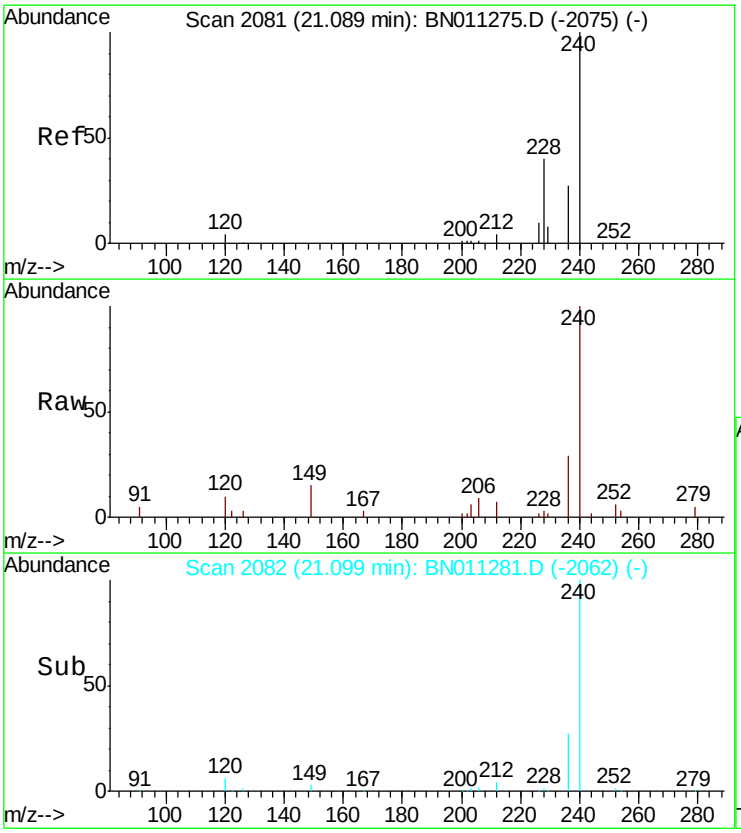
#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 18.92 min Scan# 1760
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB130451BL

Tgt Ion:212 Resp: 5689

Ion	Ratio	Lower	Upper
212	100		
106	8.3	6.9	10.3
104	5.3	4.2	6.2

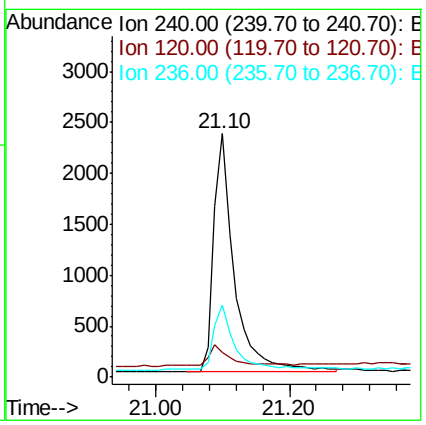


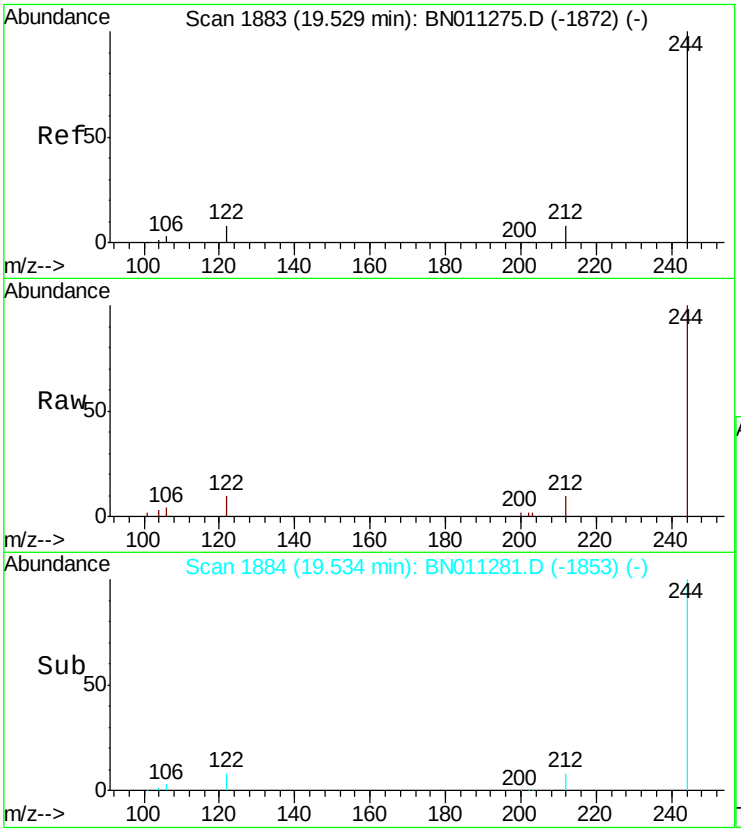


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Tgt Ion:240 Resp: 4955

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.8	8.8#
236	29.4	22.7	34.1



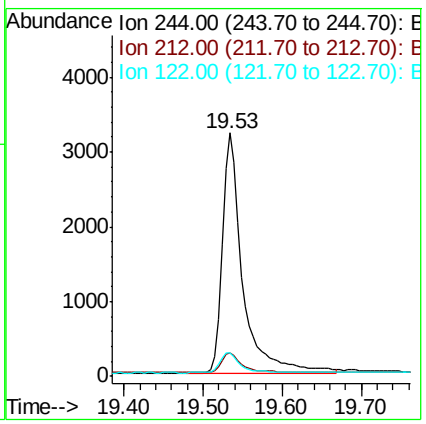


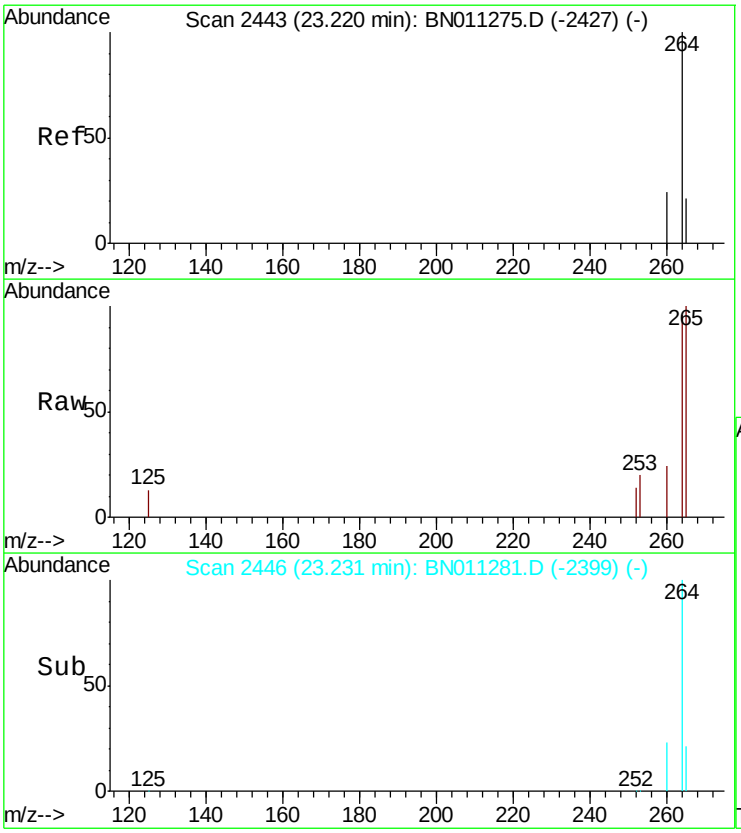
#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.53 min Scan# 1884
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Instrument :
BNA_N
ClientSampleId :
PB130451BL

Tgt Ion:244 Resp: 5785

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.6	11.4
122	9.9	7.5	11.3





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.23 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BN011281.D
Acq: 28 Jul 2020 15:42

Tgt Ion:264 Resp: 5135

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	104.4	70.7	106.1