Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011576.D
Acq On : 22 Aug 2020 07:53
Operator : CG/JU
Sample : L3718-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BP-VPB181-GW-198-200

Quant Time: Aug 24 01:34:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1600	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	6403	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	4060	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	8929	0.40	ng	0.00
29) Chrysene-d12	21.01	240	8856	0.40	ng	0.00
36) Perylene-d12	23.10	264	8012	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	629	0.18	ng	0.00
5) Phenol-d6	6.63	99	303	0.09	ng	0.00
8) Nitrobenzene-d5	8.54	82	1961	0.47	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	2870	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	778	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	9003	0.54	ng	-0.01
27) Fluoranthene-d10	18.83	212	9905	0.33	ng	0.00
31) Terphenyl-d14	19.45	244	16311	0.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	233	0.107	ng	# 100
9) Naphthalene	10.19	128	2718	0.146	ng	99
12) 2-Methylnaphthalene	11.81	142	652	0.051	ng	97
34) Bis(2-ethylhexyl)phthalate	20.95	149	6548	0.495	ng	99

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
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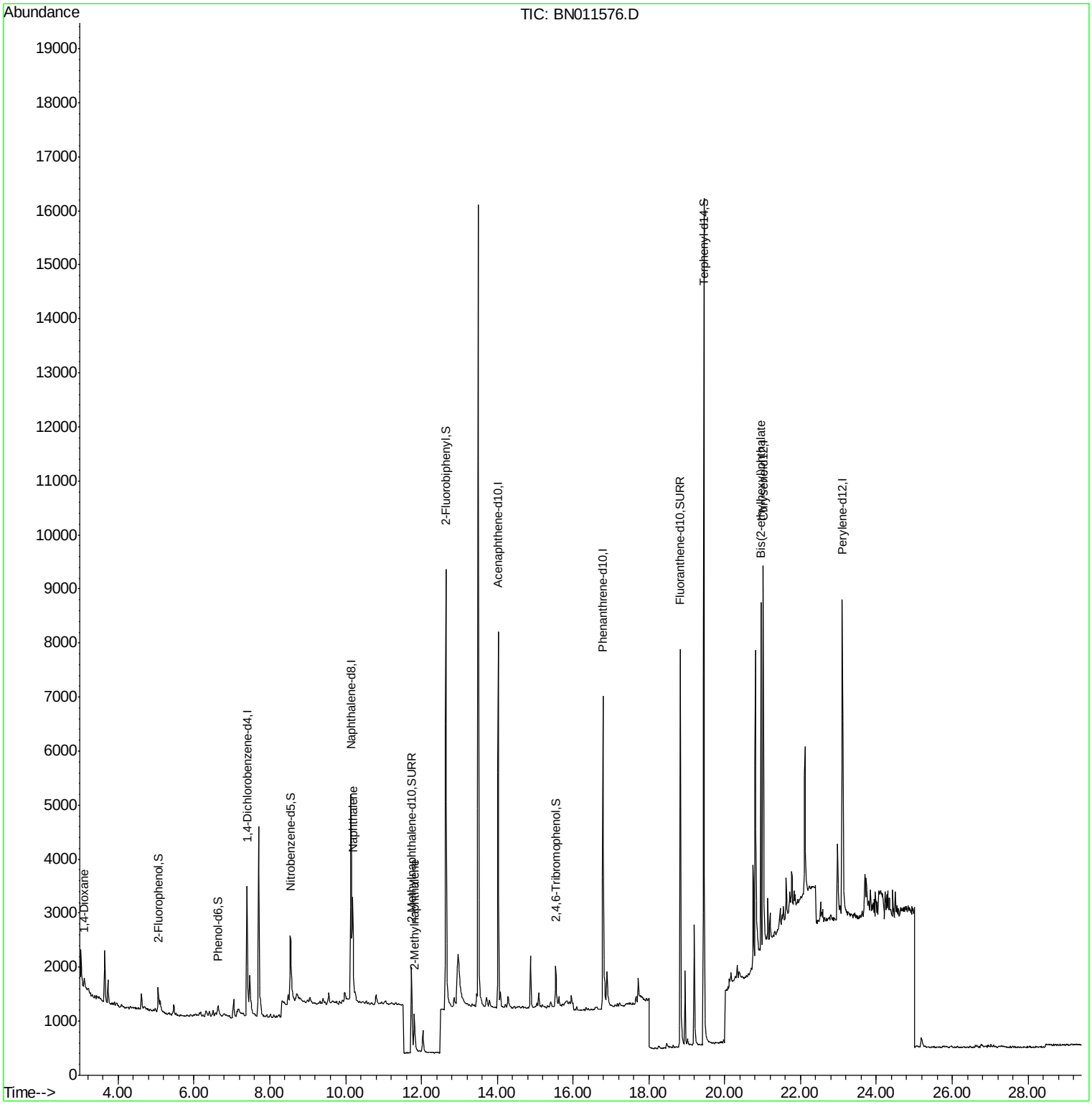
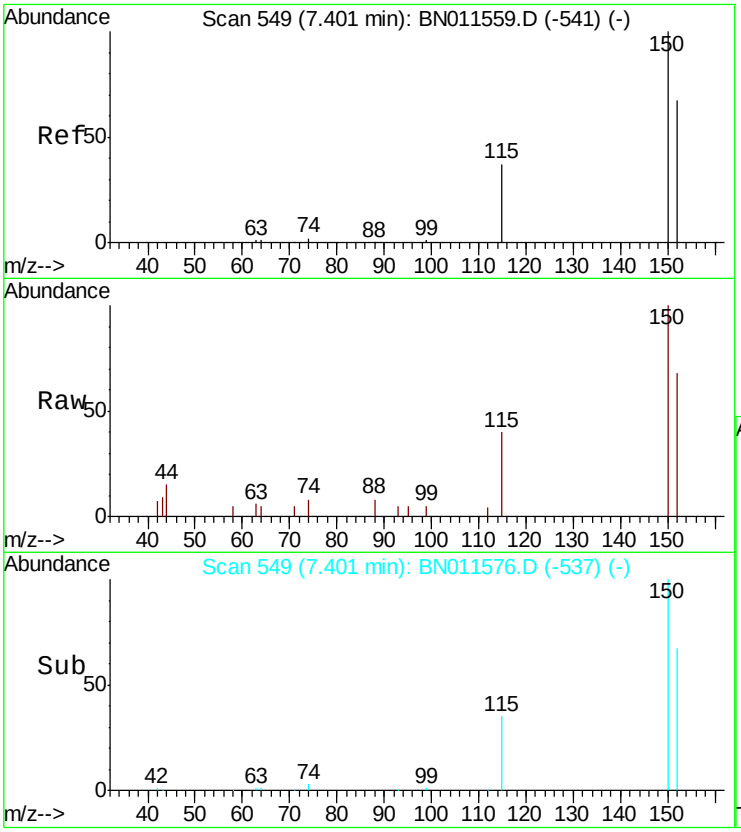


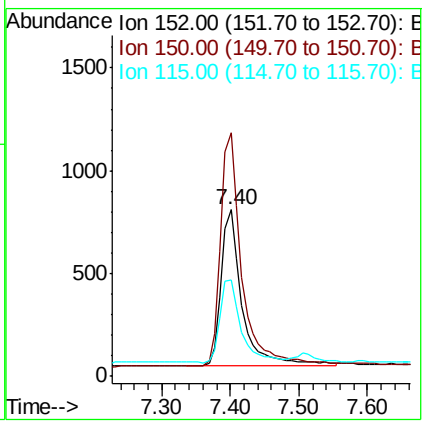


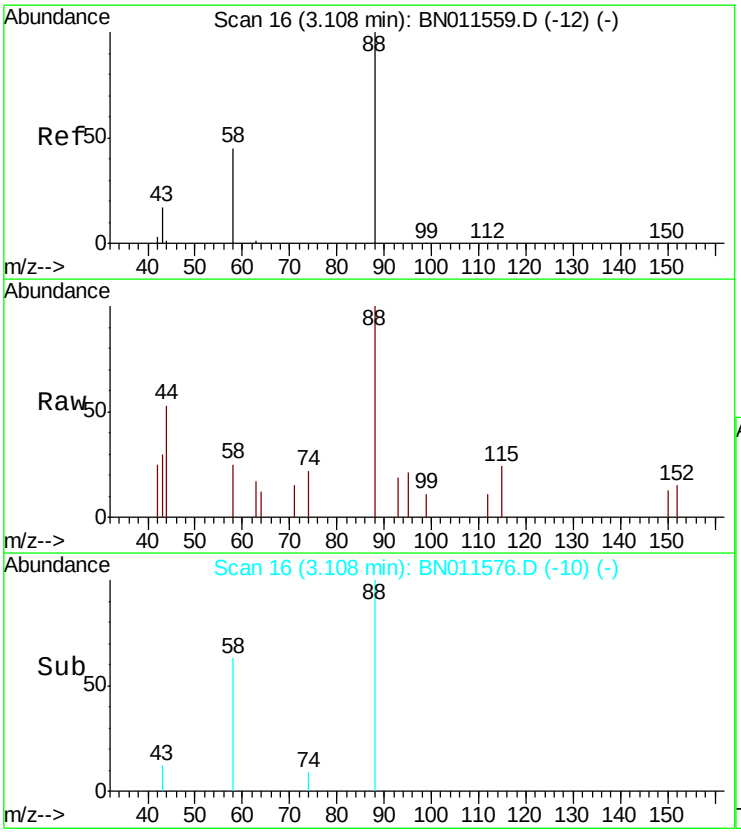
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 549
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:152 Resp: 1600

Ion	Ratio	Lower	Upper
152	100		
150	146.4	117.1	175.7
115	58.2	48.7	73.1

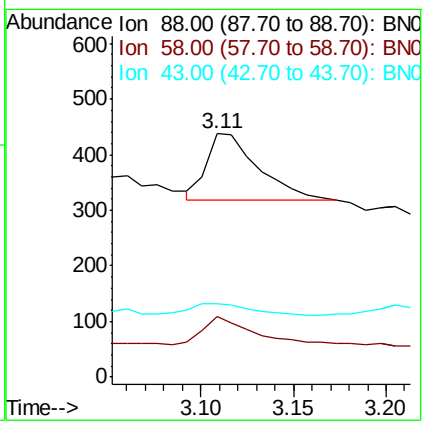


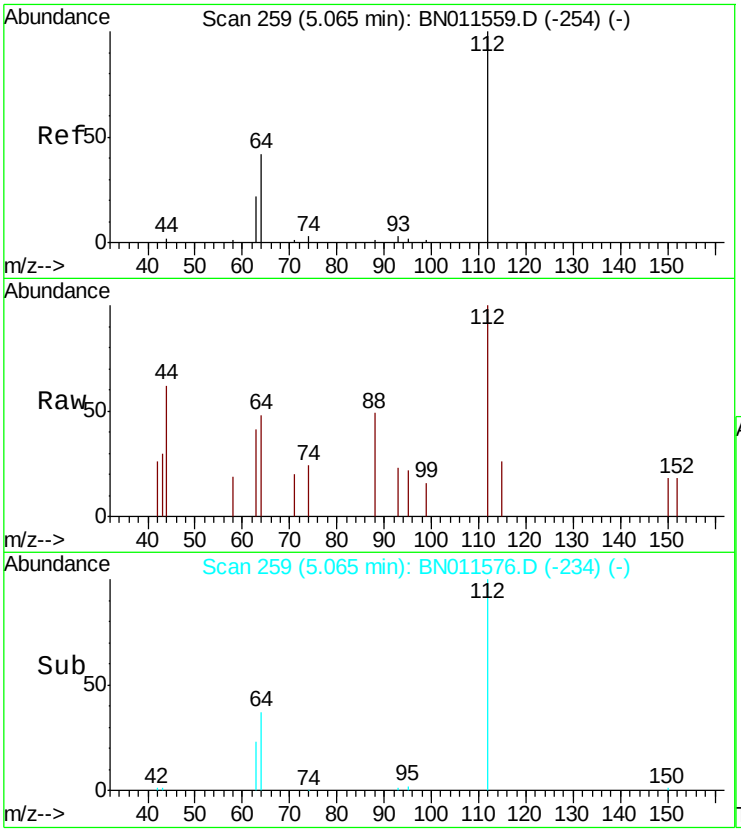


#2
1,4-Dioxane
Concen: 0.107 ng
RT: 3.11 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion: 88 Resp: 233

Ion	Ratio	Lower	Upper
88	100		
58	40.8	0.0	0.0#
43	21.9	0.0	0.0#



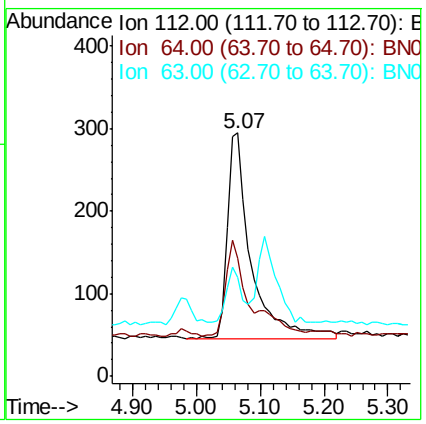


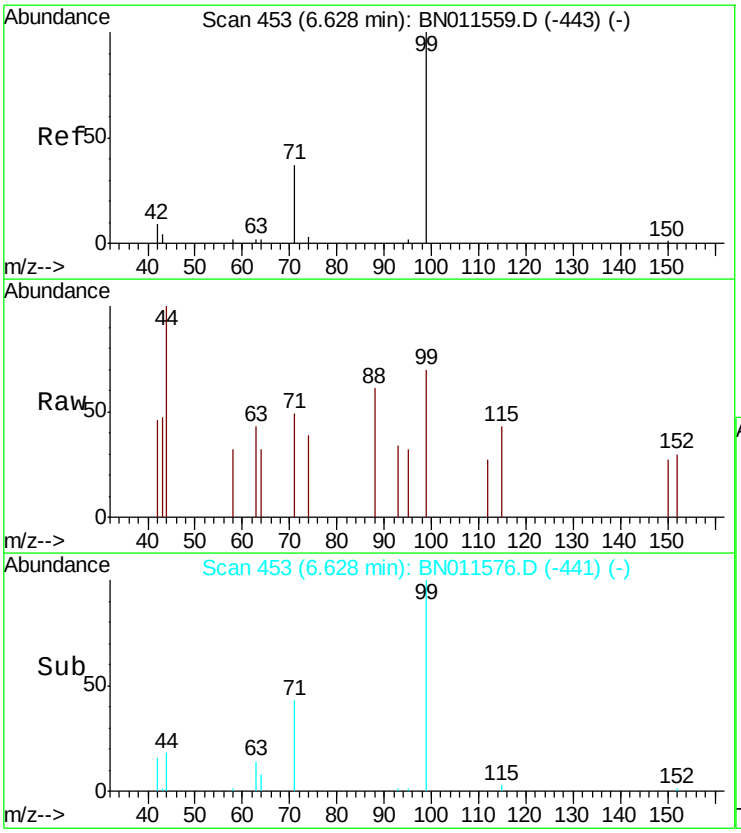
#4
2-Fluorophenol
Concen: 0.184 ng
RT: 5.07 min Scan# 259
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:112 Resp: 629

Ion	Ratio	Lower	Upper
112	100		
64	47.2	33.9	50.9
63	18.3	17.7	26.5

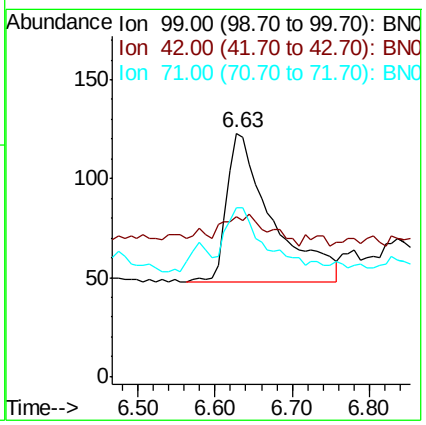


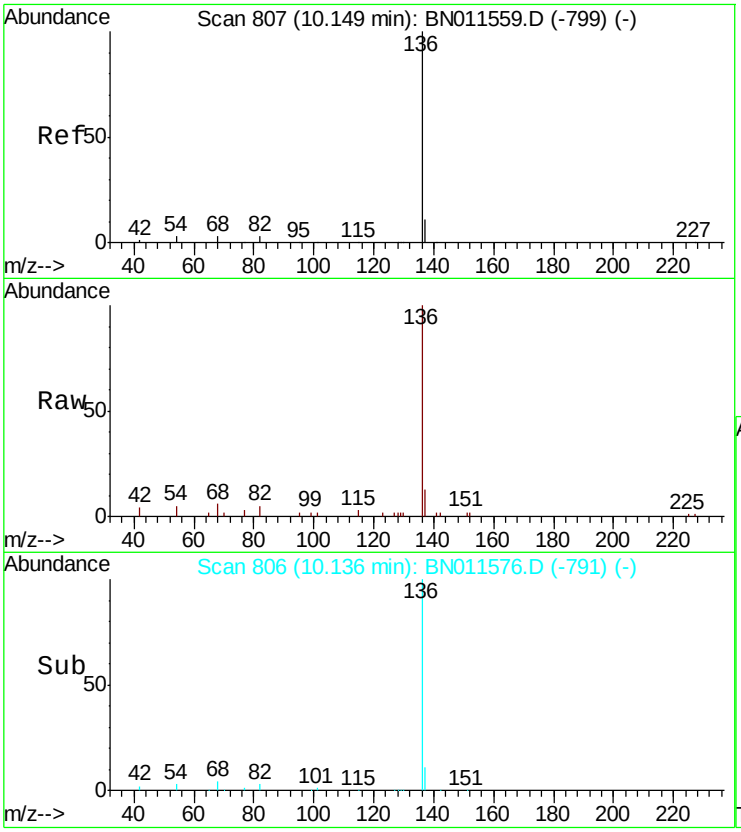


#5
Phenol-d6
Concen: 0.088 ng
RT: 6.63 min Scan# 453
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion: 99 Resp: 303

Ion	Ratio	Lower	Upper
99	100		
42	20.8	9.0	13.4#
71	36.3	30.4	45.6



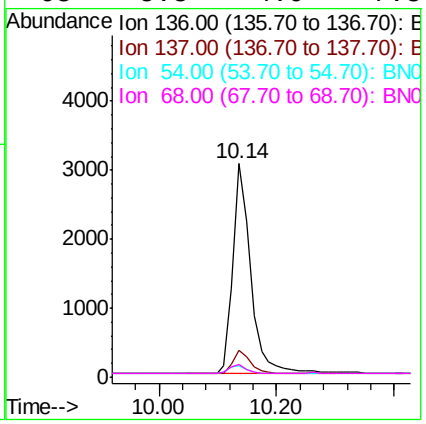


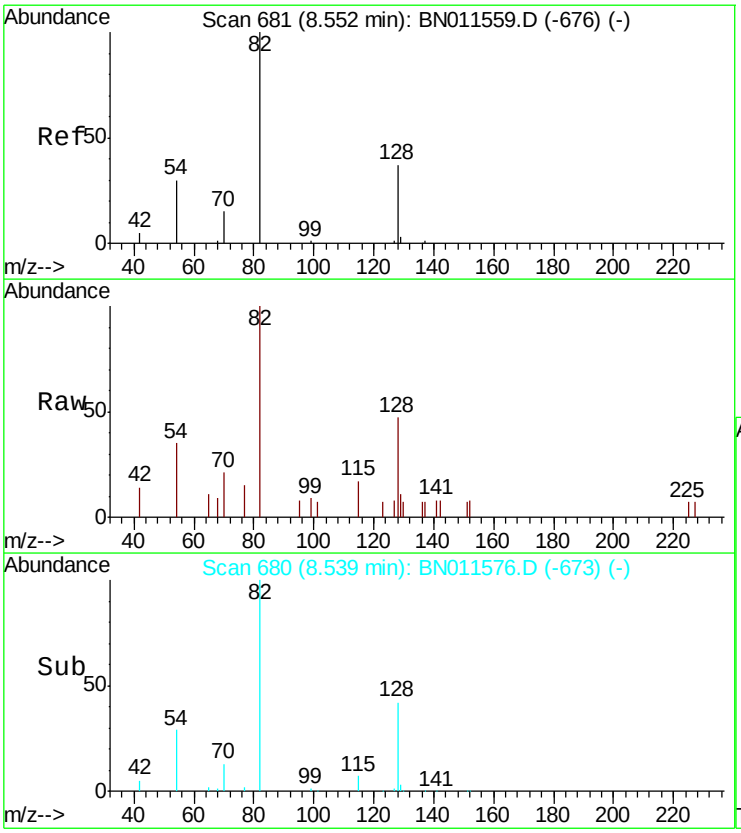
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 806
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:136 Resp: 6403

Ion	Ratio	Lower	Upper
136	100		
137	12.8	11.0	16.4
54	5.2	4.3	6.5
68	5.8	4.9	7.3

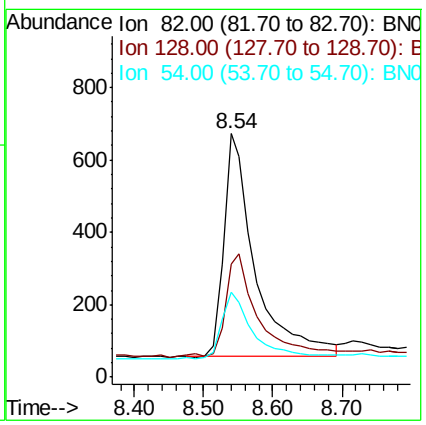


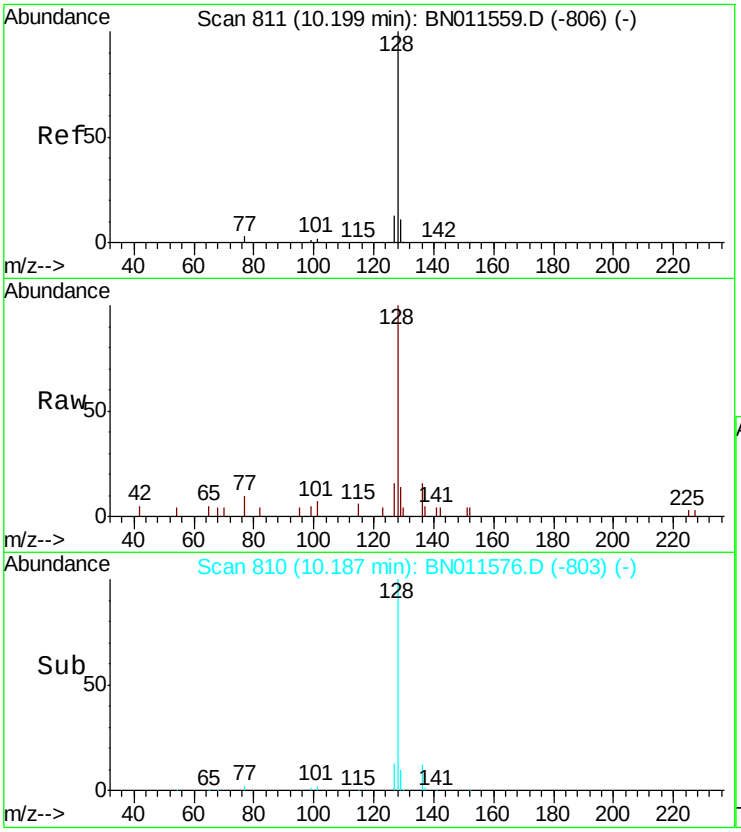


#8
Nitrobenzene-d5
Concen: 0.466 ng
RT: 8.54 min Scan# 680
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion: 82 Resp: 1961

Ion	Ratio	Lower	Upper
82	100		
128	46.5	41.7	62.5
54	34.6	34.4	51.6



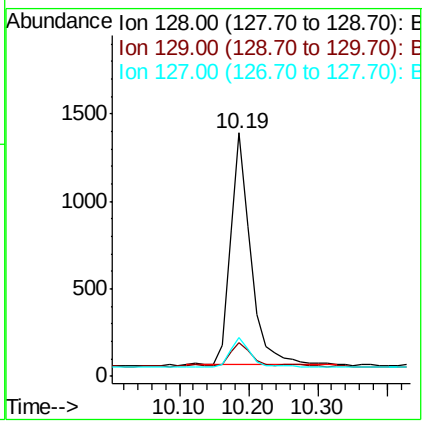


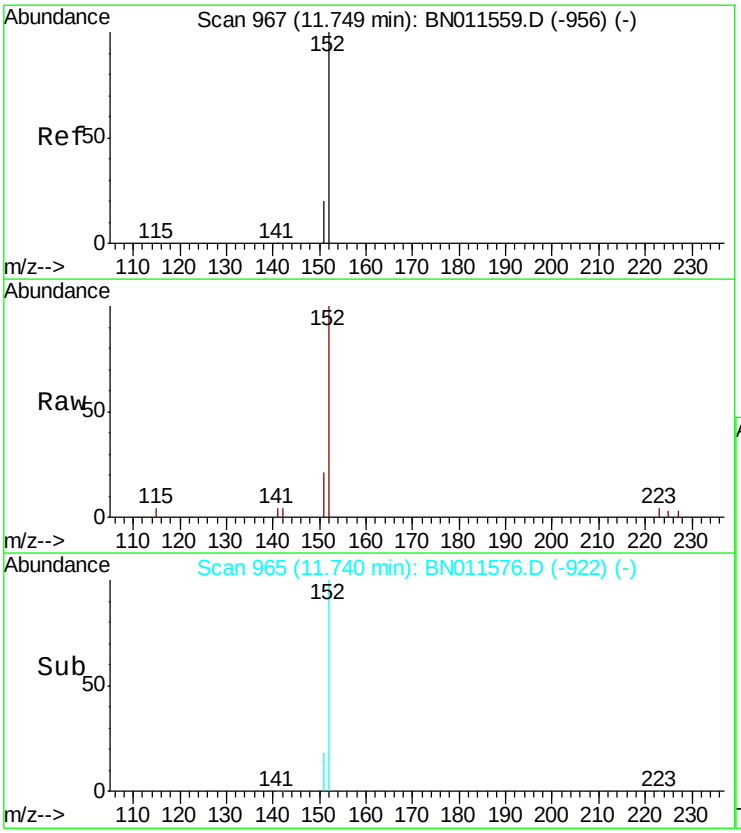
#9
Naphthalene
Concen: 0.146 ng
RT: 10.19 min Scan# 810
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:128 Resp: 2718

Ion	Ratio	Lower	Upper
128	100		
129	13.9	10.8	16.2
127	16.1	12.3	18.5

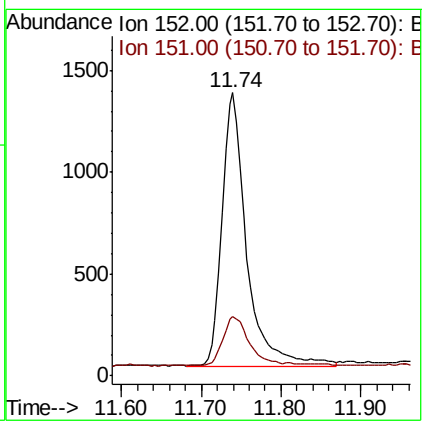


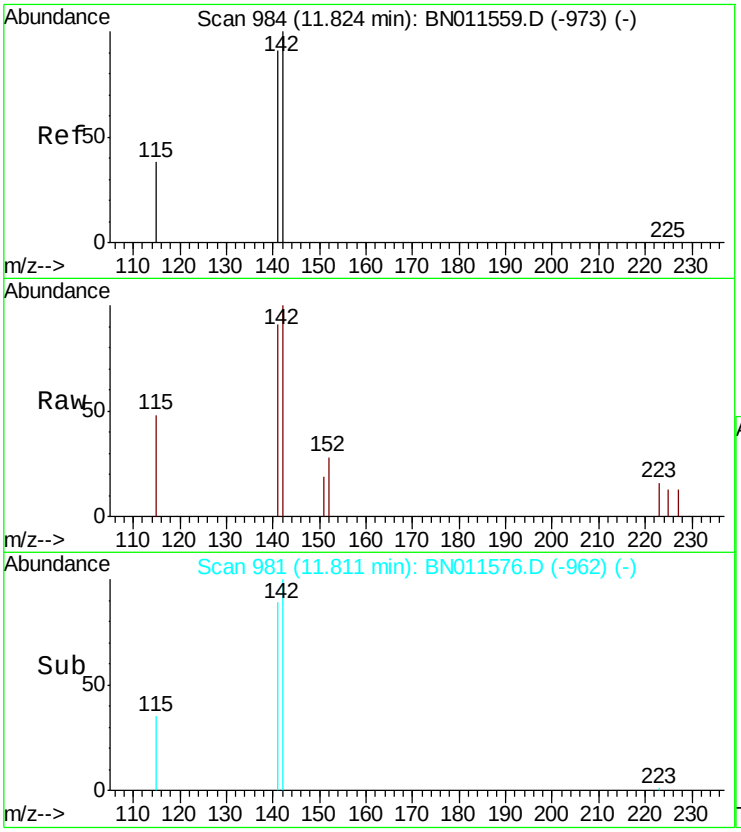


#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 11.74 min Scan# 965
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:152 Resp: 2870

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.6	24.8



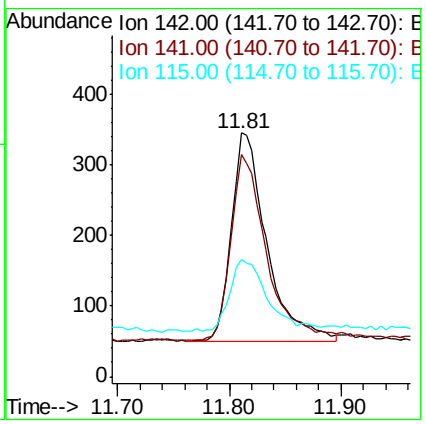


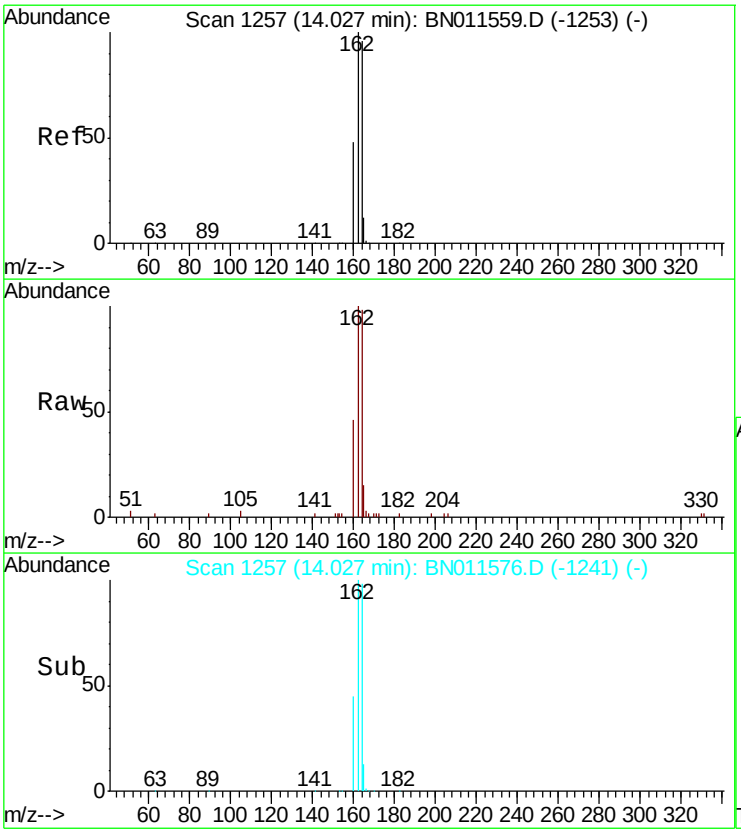
#12
2-Methylnaphthalene
Concen: 0.051 ng
RT: 11.81 min Scan# 981
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:142 Resp: 652

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.6
115	48.1	33.4	50.0

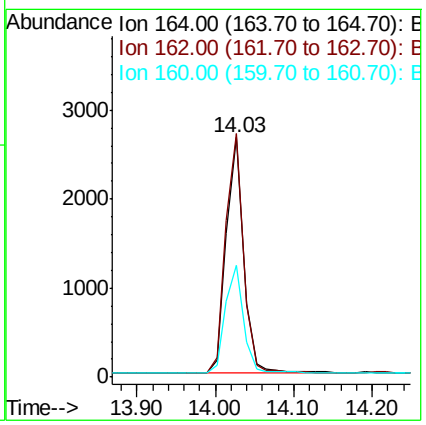


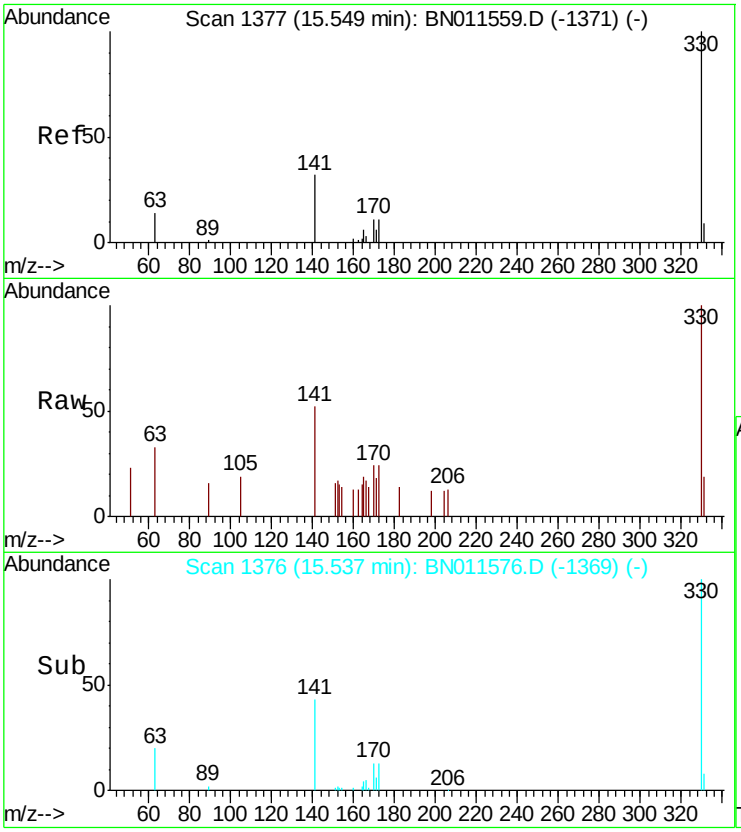


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:164 Resp: 4060

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.7	125.5
160	46.9	41.1	61.7



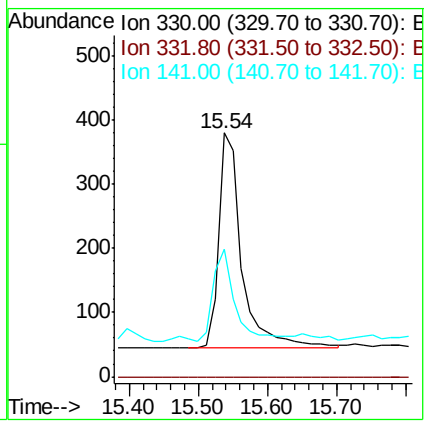


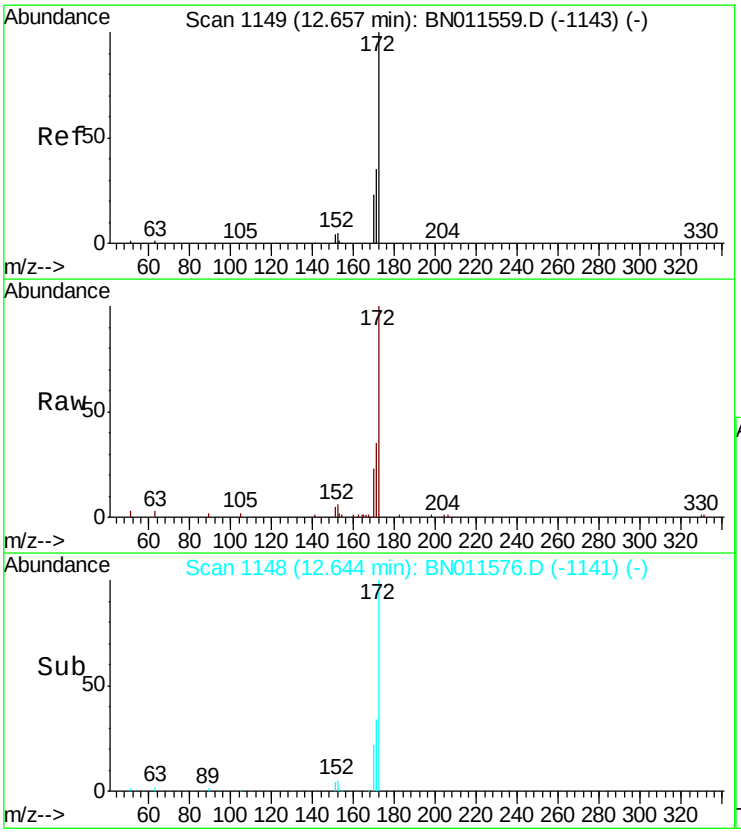
#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.54 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:330 Resp: 778

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.2	34.6	52.0

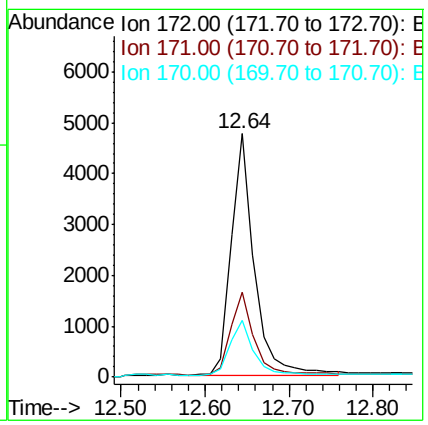


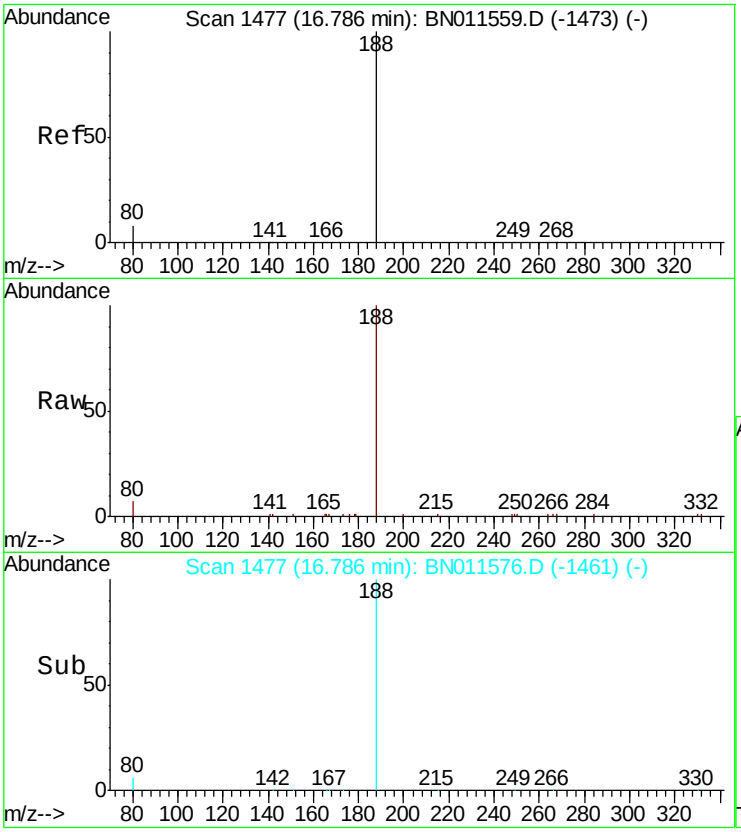


#15
2-Fluorobiphenyl
Concen: 0.539 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:172 Resp: 9003

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	23.2	20.1	30.1



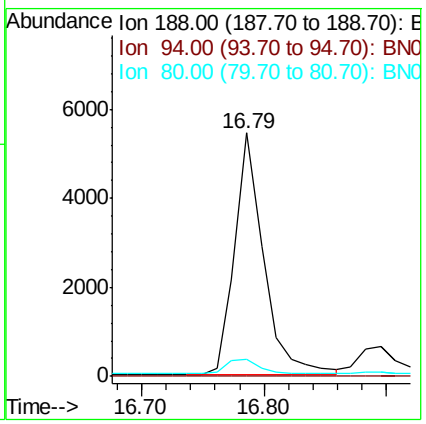


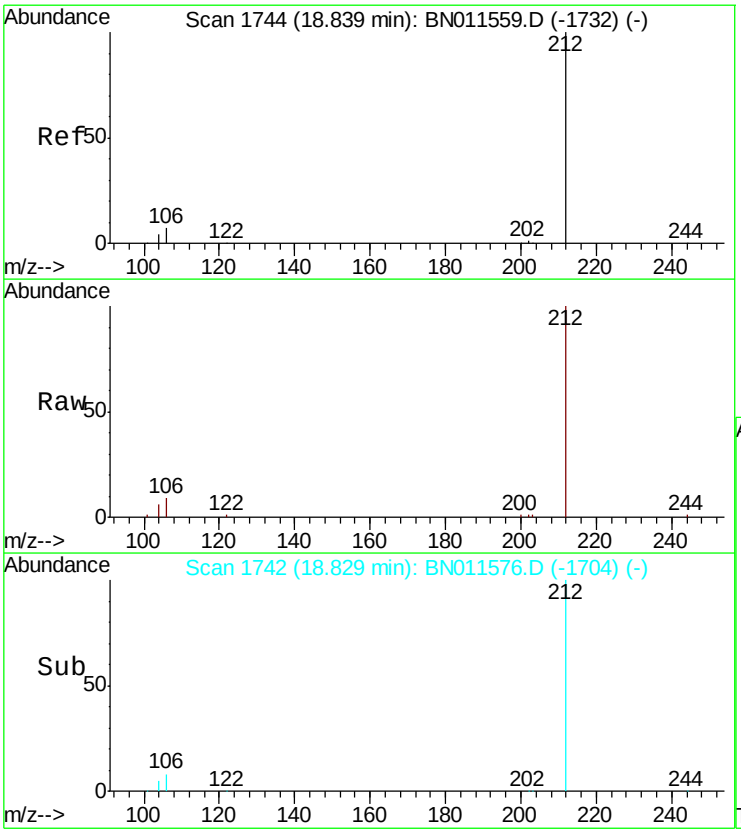
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:188 Resp: 8929

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	7.6	11.4#

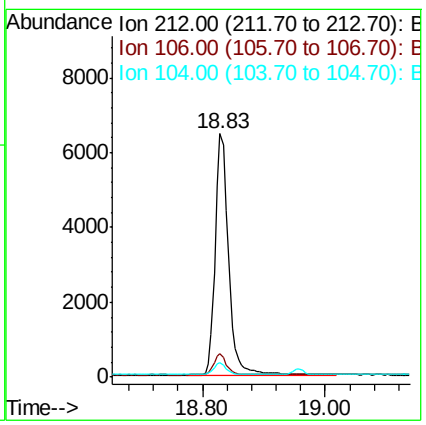


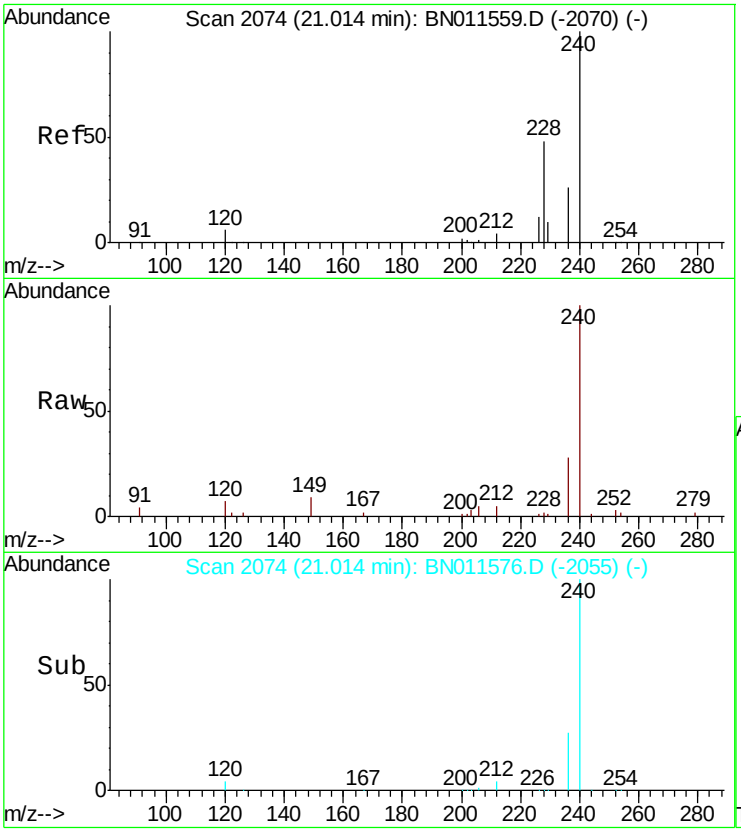


#27
Fluoranthene-d10
Concen: 0.329 ng
RT: 18.83 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:212 Resp: 9905

Ion	Ratio	Lower	Upper
212	100		
106	8.1	6.2	9.2
104	5.0	3.8	5.6



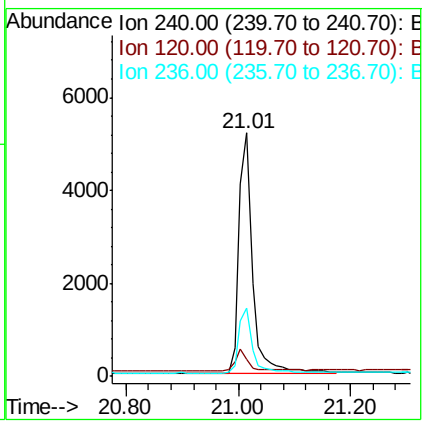


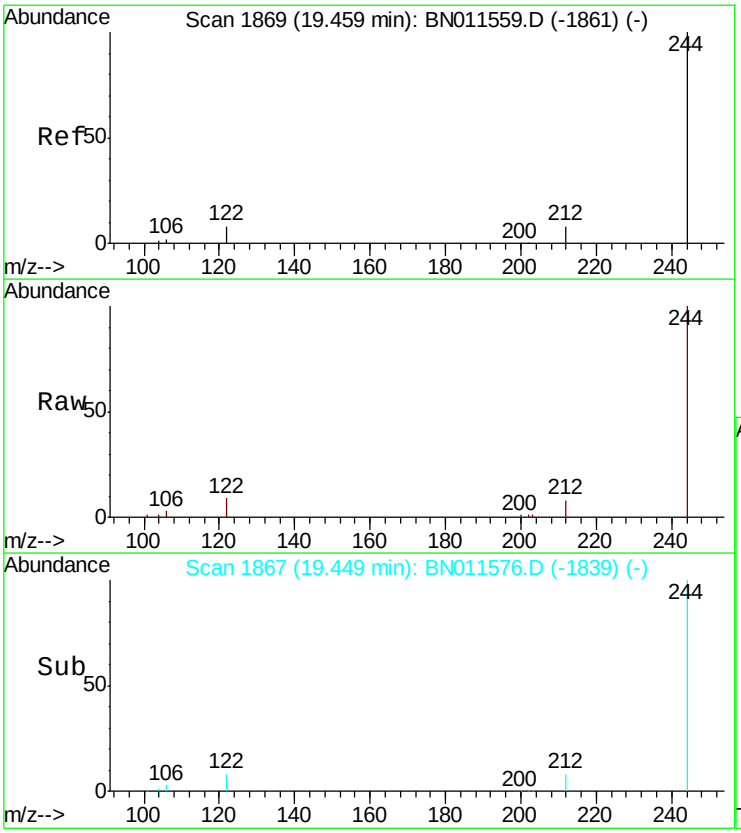
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:240 Resp: 8856

Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.4	11.0#
236	27.8	22.3	33.5

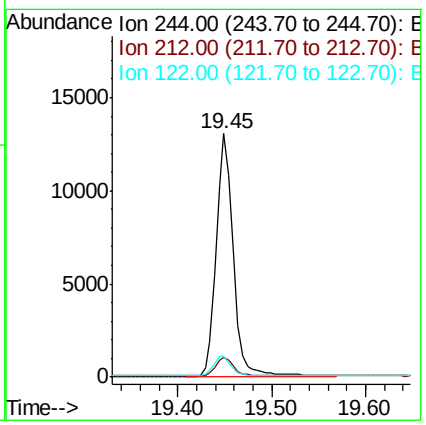


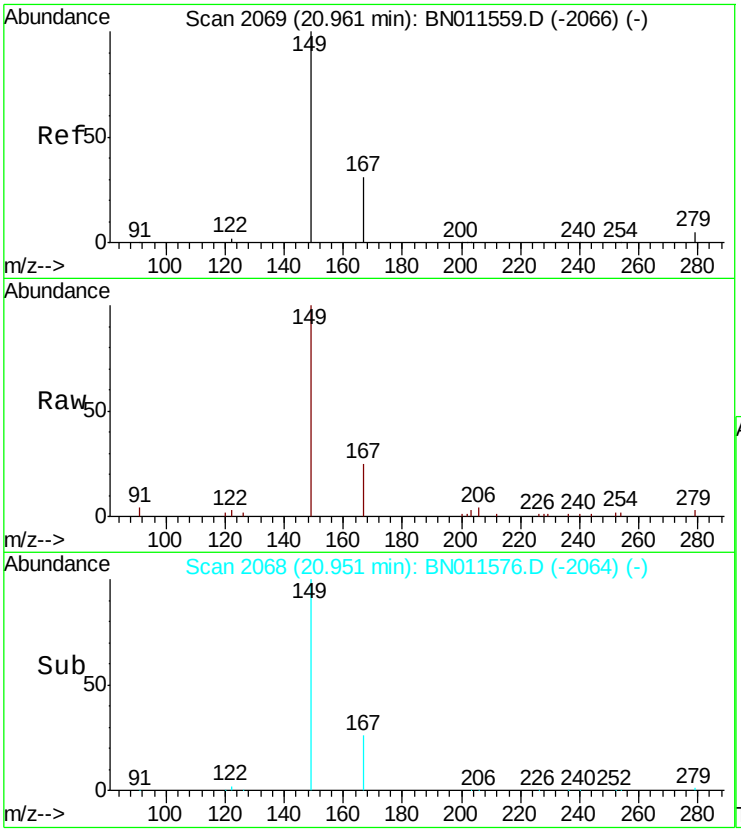


#31
Terphenyl-d14
Concen: 0.706 ng
RT: 19.45 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:244 Resp: 16311

Ion	Ratio	Lower	Upper
244	100		
212	8.3	8.2	12.4
122	8.7	8.0	12.0



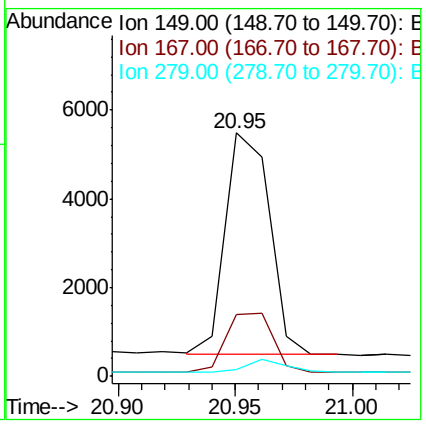


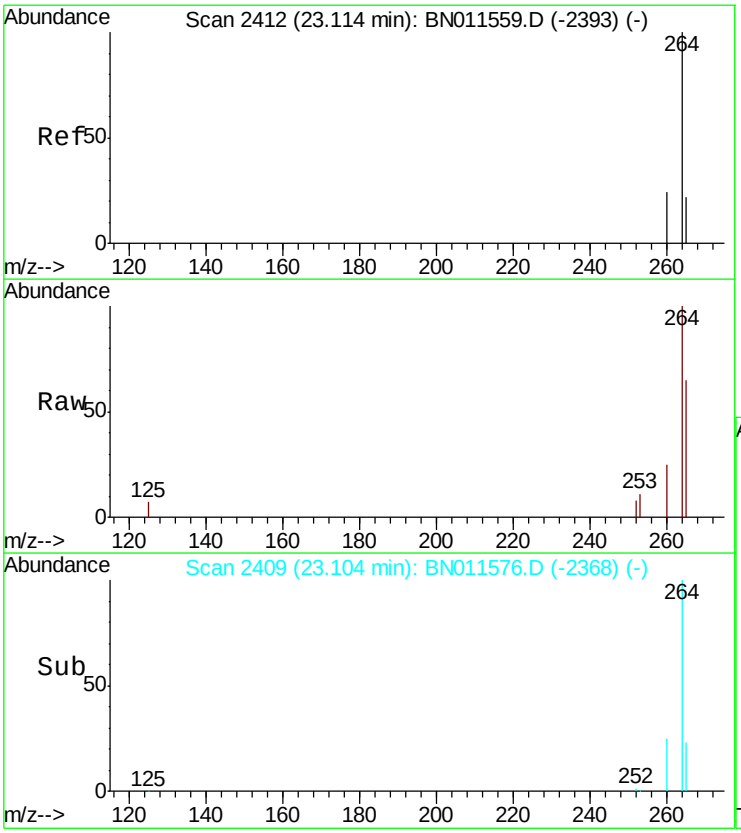
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.495 ng
RT: 20.95 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Instrument :
BNA_N
ClientSampleId :
BP-VPB181-GW-198-200

Tgt Ion:149 Resp: 6548

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	4.6	4.2	6.2





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN011576.D
Acq: 22 Aug 2020 07:53

Tgt Ion:264 Resp: 8012

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.3	30.5
265	64.6	96.1	144.1#