Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011805.D
Acq On : 15 Sep 2020 18:05
Operator : CG/JU
Sample : L3988-27
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : FC-DUP06-20200910

Quant Time: Sep 15 18:36:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:55:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1545	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	5786	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	3905	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	8688	0.40	ng	0.01
29) Chrysene-d12	21.31	240	9568	0.40	ng	0.00
36) Perylene-d12	23.56	264	10707	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	631	0.15	ng	0.00
5) Phenol-d6	6.89	99	452	0.08	ng	0.00
8) Nitrobenzene-d5	8.87	82	1747	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	3006	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	980	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	5402	0.31	ng	0.00
27) Fluoranthene-d10	19.15	212	9650	0.34	ng	0.00
31) Terphenyl-d14	19.75	244	10503	0.36	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phthalate	21.24	149	1252	0.080	ng	# 97

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

Quantitation Report (QT Reviewed)

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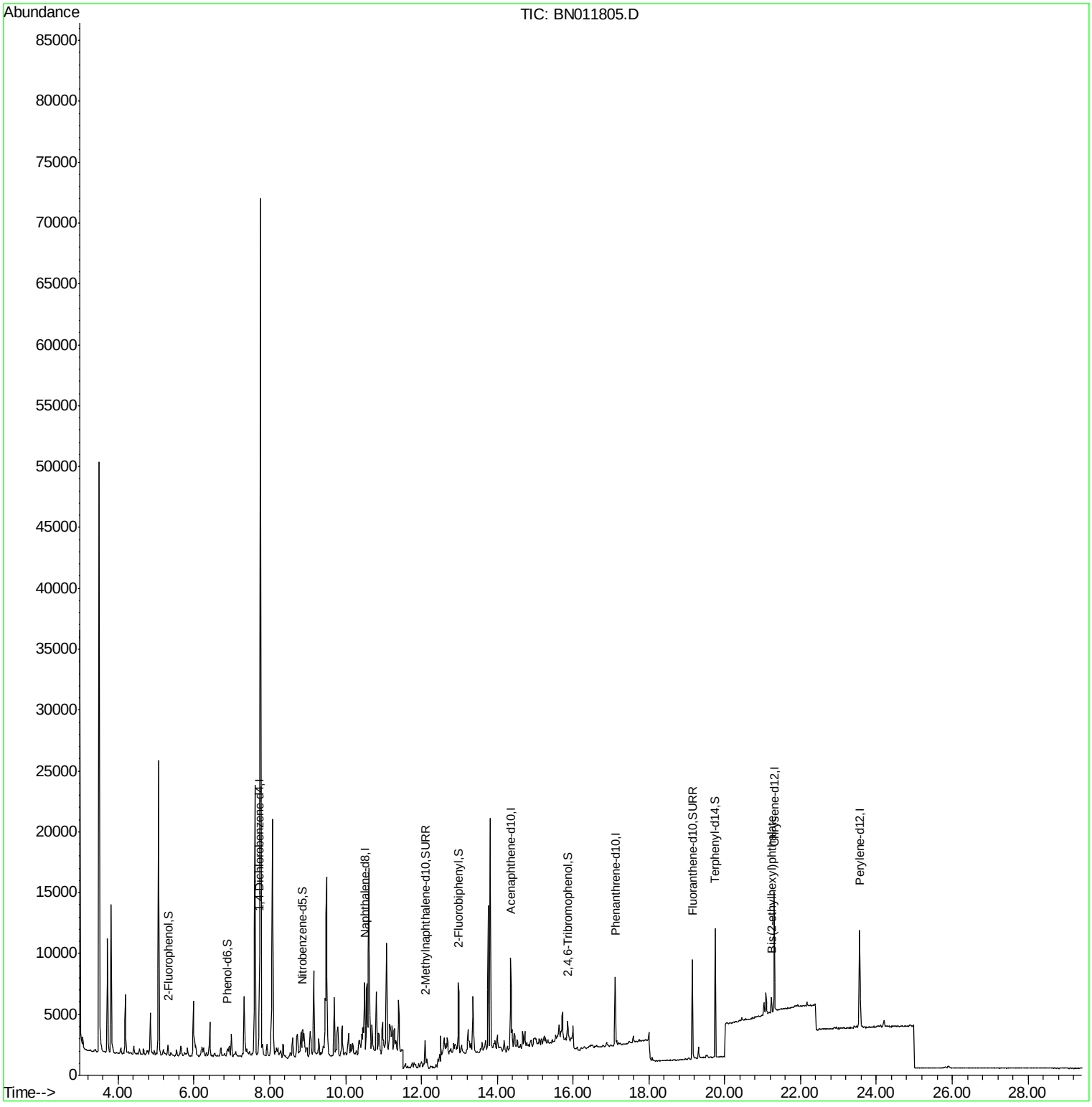
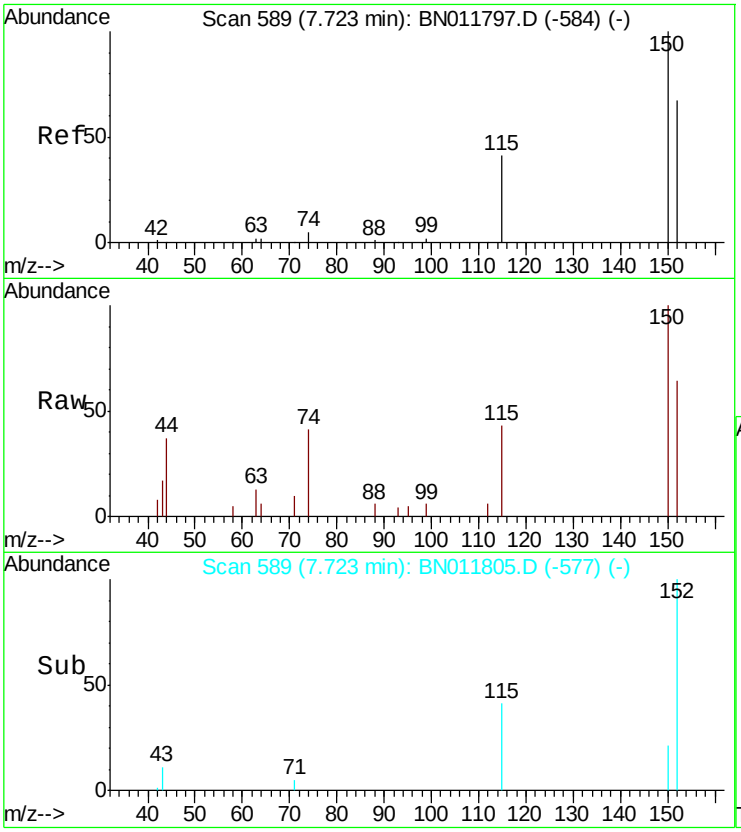
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:55:25 2020
Response via : Initial Calibration



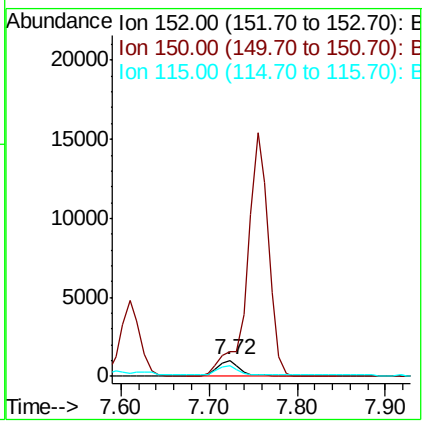


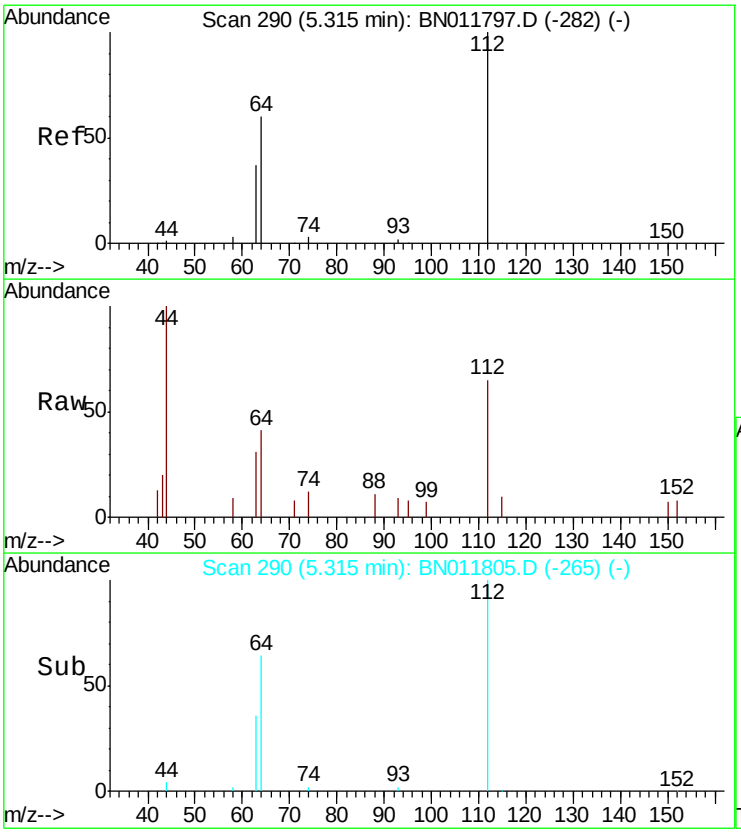
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Instrument :
BNA_N
ClientSampleId :
FC-DUP06-20200910

Tgt Ion:152 Resp: 1545

Ion	Ratio	Lower	Upper
152	100		
150	155.8	118.3	177.5
115	67.1	51.3	76.9

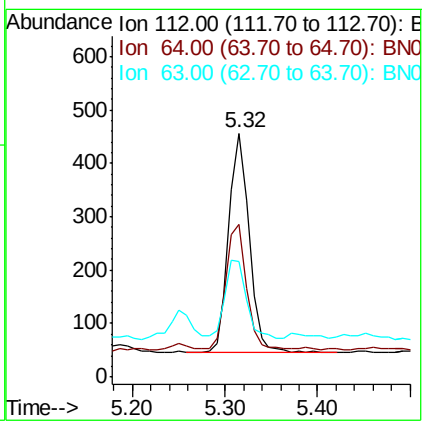


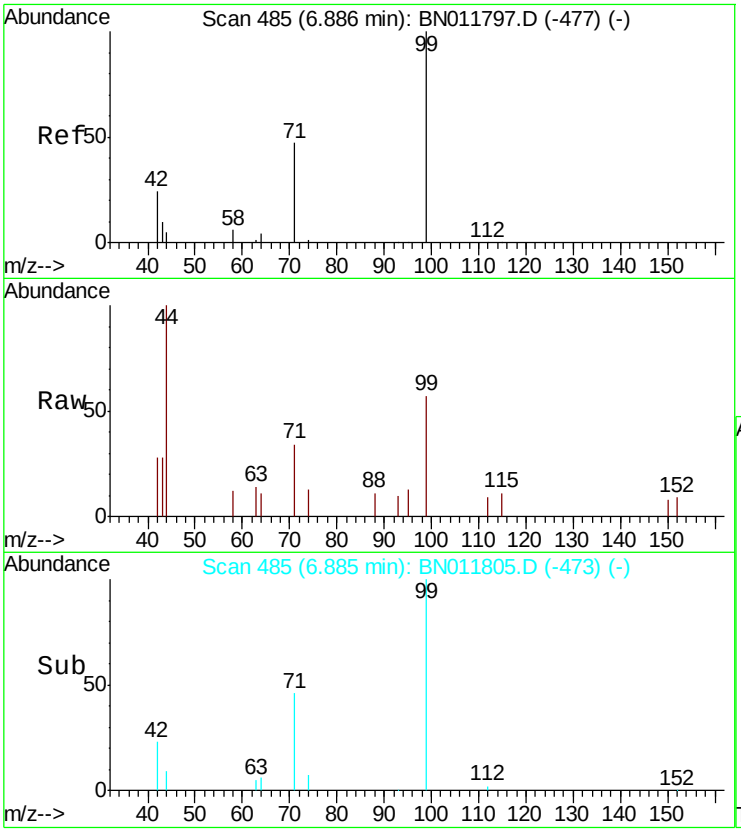


#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.32 min Scan# 290
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Tgt Ion:112 Resp: 631

Ion	Ratio	Lower	Upper
112	100		
64	56.3	49.0	73.6
63	38.7	31.8	47.6



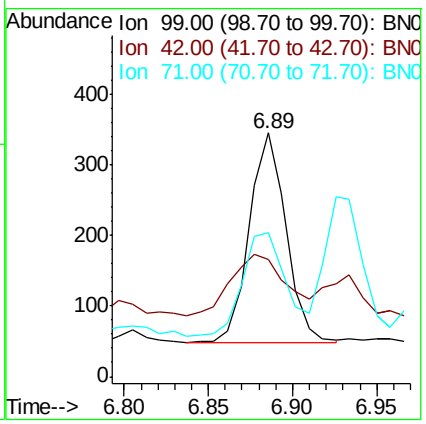


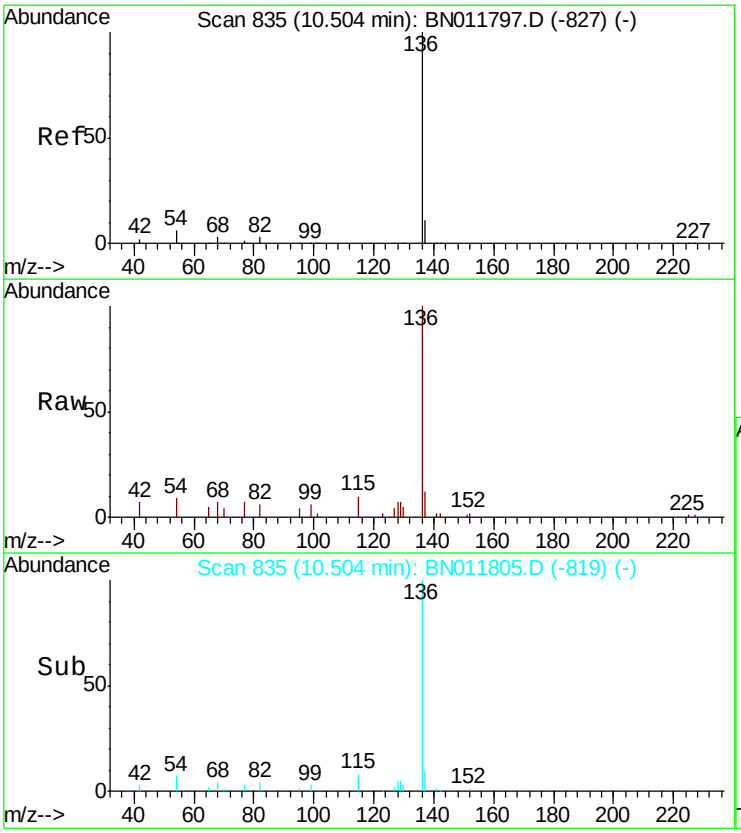
#5
Phenol-d6
Concen: 0.082 ng
RT: 6.89 min Scan# 485
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Instrument :
BNA_N
ClientSampleId :
FC-DUP06-20200910

Tgt Ion: 99 Resp: 452

Ion	Ratio	Lower	Upper
99	100		
42	43.1	23.4	35.0#
71	58.4	38.1	57.1#

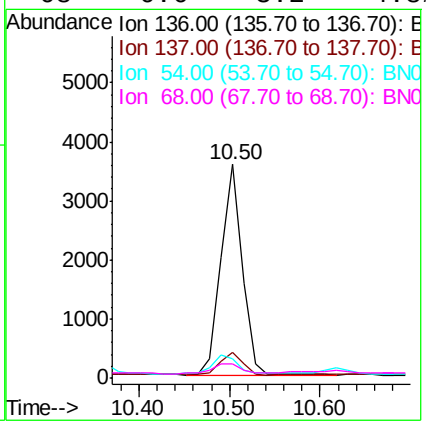


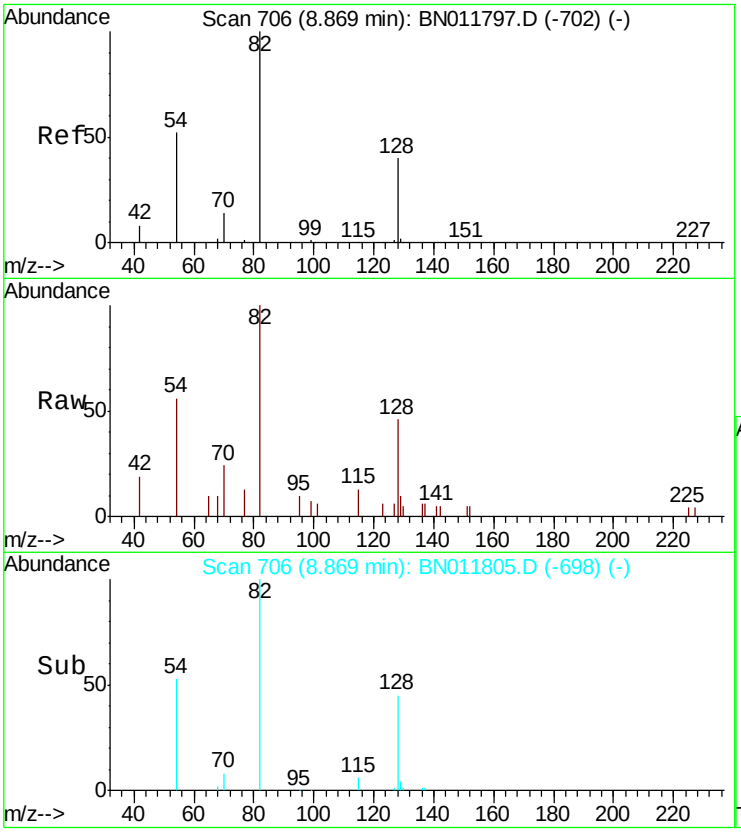


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Tgt Ion:136 Resp: 5786

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	9.0	5.6	8.4#
68	6.6	3.2	4.8#



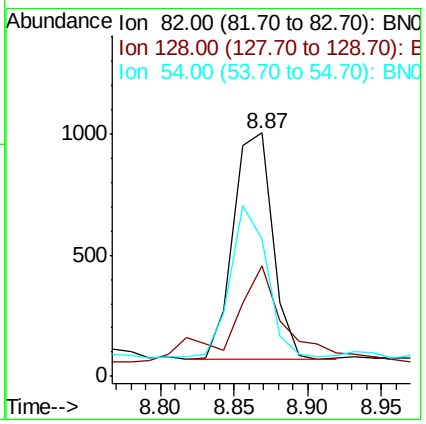


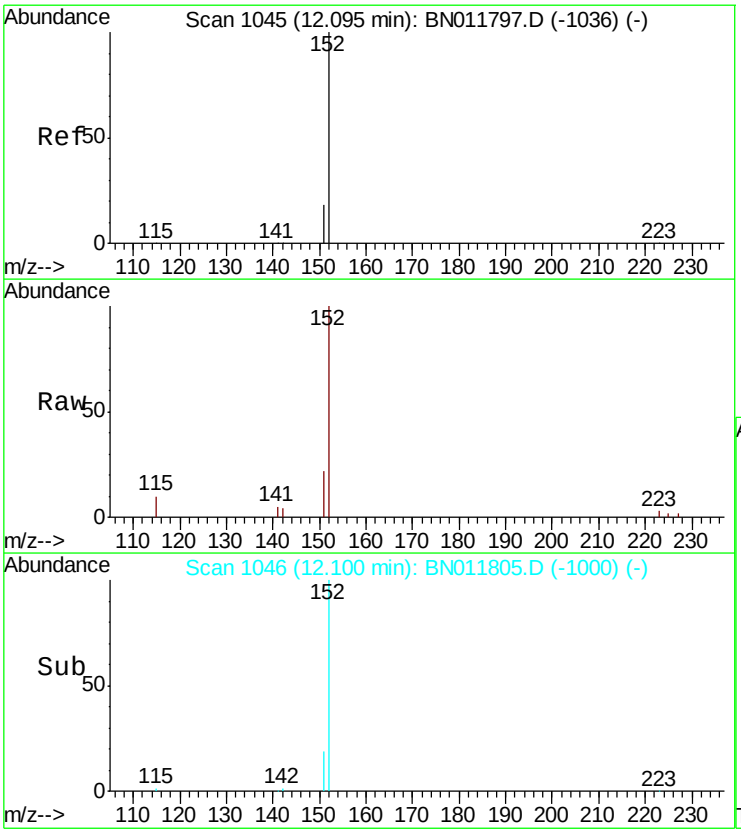
#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.87 min Scan# 706
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Instrument :
BNA_N
ClientSampleId :
FC-DUP06-20200910

Tgt Ion: 82 Resp: 1747

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	56.5	43.1	64.7

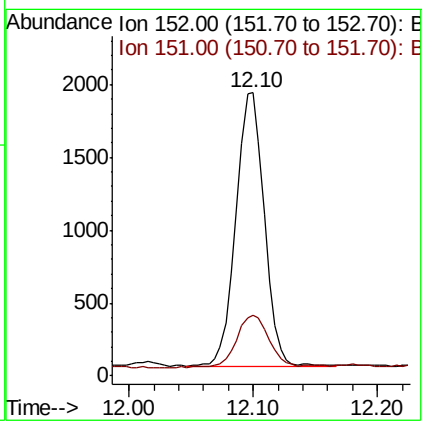


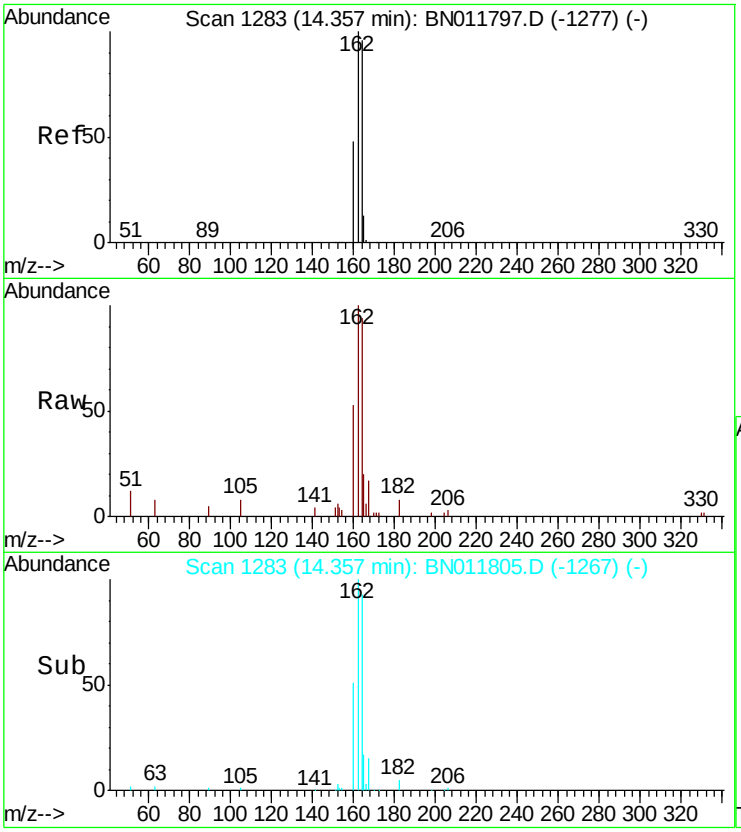


#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.10 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Tgt Ion:152 Resp: 3006

Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.7	25.1



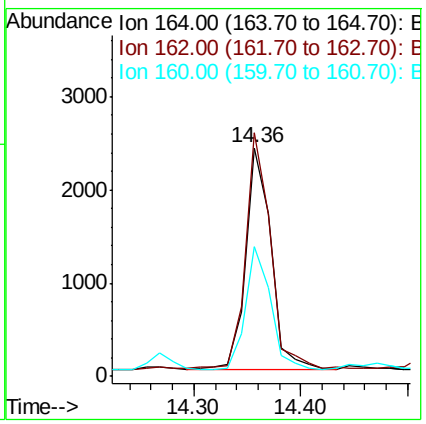


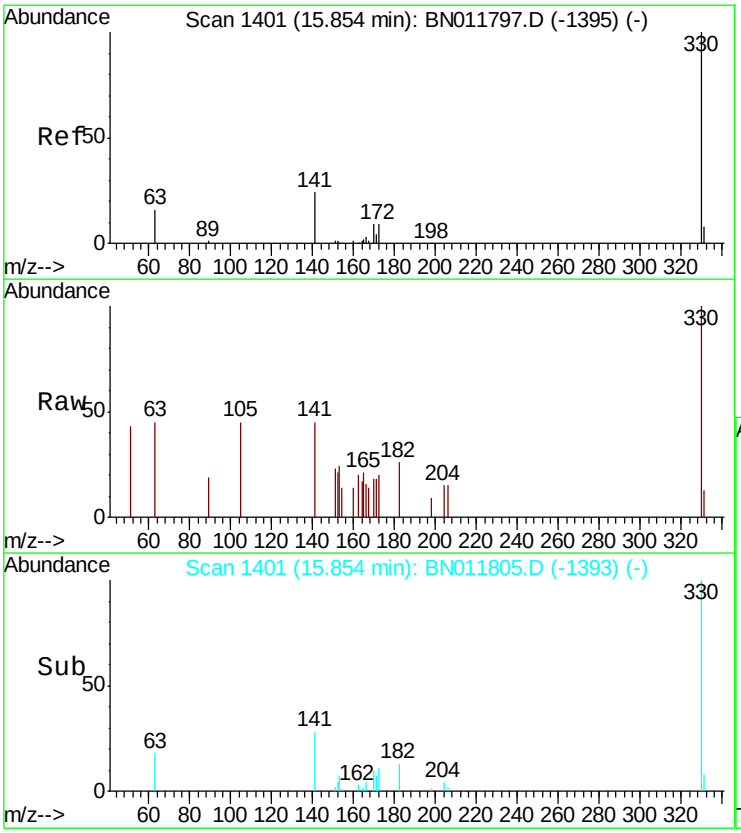
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Instrument :
BNA_N
ClientSampleId :
FC-DUP06-20200910

Tgt Ion:164 Resp: 3905

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.6	125.4
160	56.8	41.2	61.8

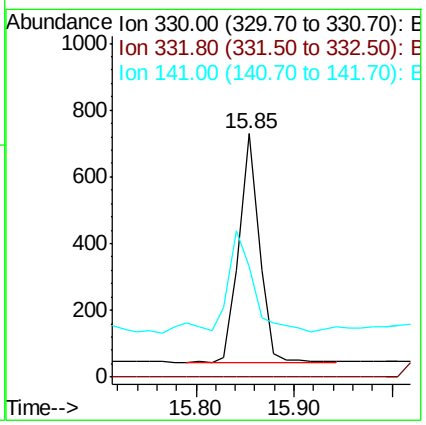


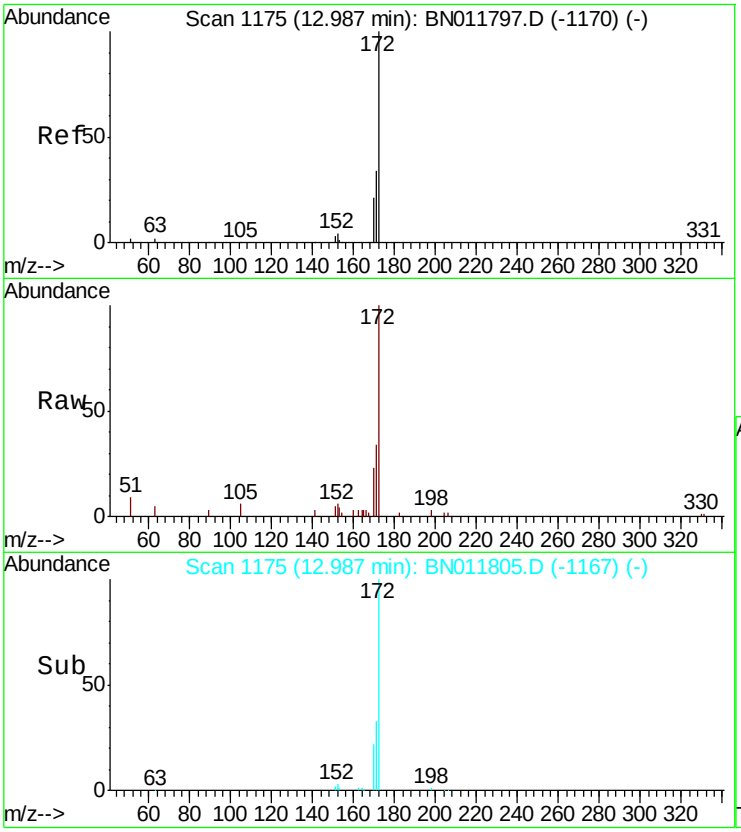


#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.85 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Tgt Ion:330 Resp: 980

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	56.9	33.7	50.5#



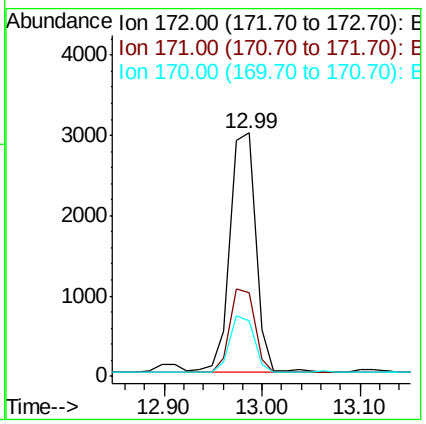


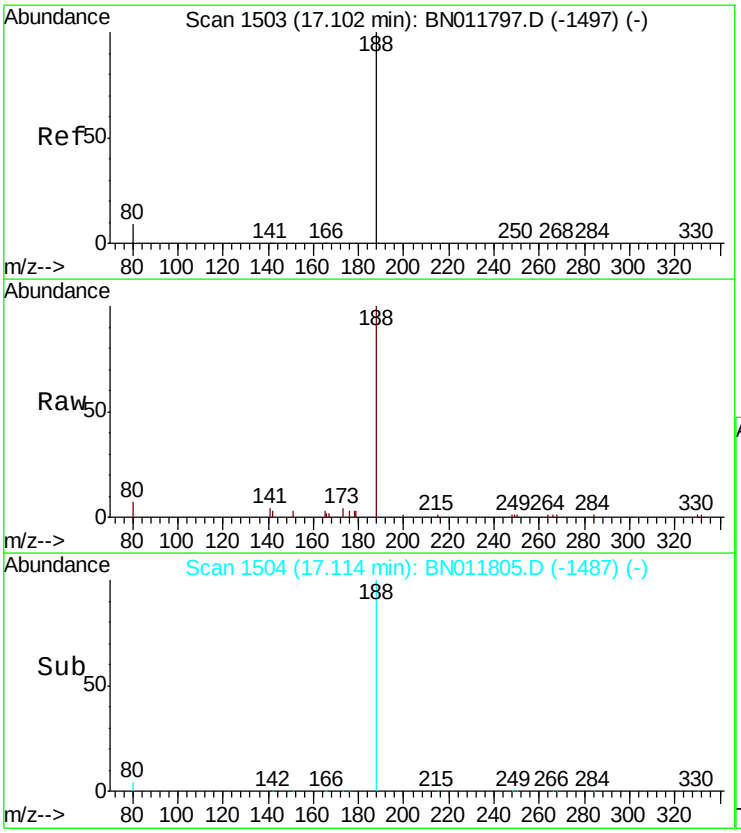
#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Instrument :
BNA_N
ClientSampleId :
FC-DUP06-20200910

Tgt Ion:172 Resp: 5402

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.2
170	22.8	17.8	26.6

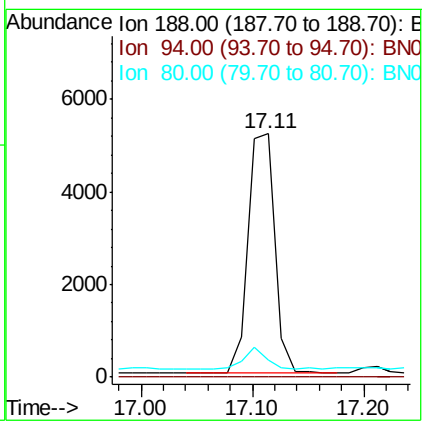


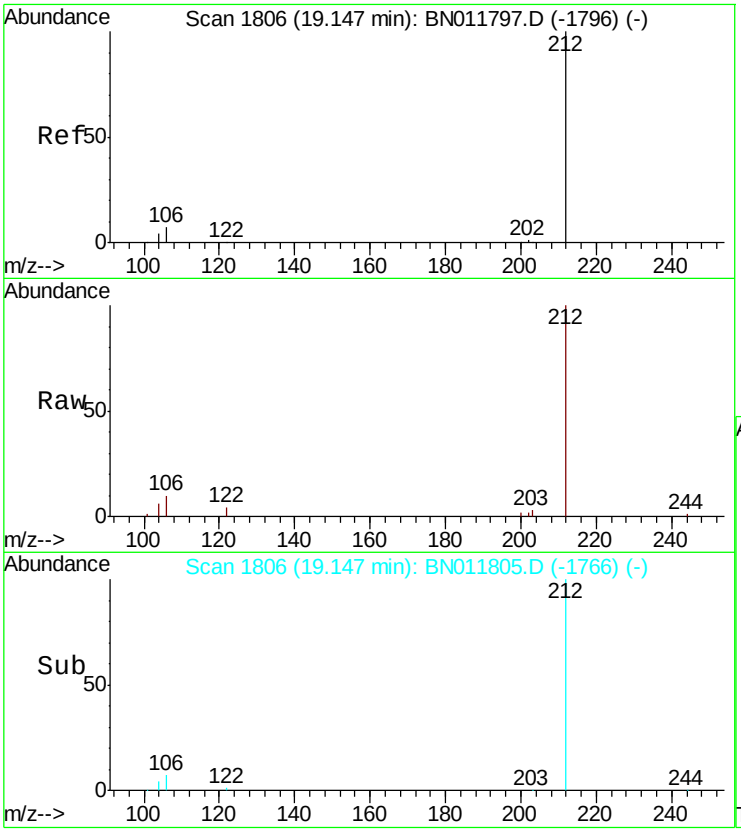


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Tgt Ion:188 Resp: 8688

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	7.7	11.5#



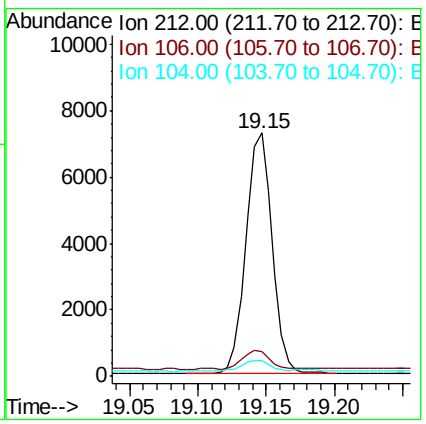


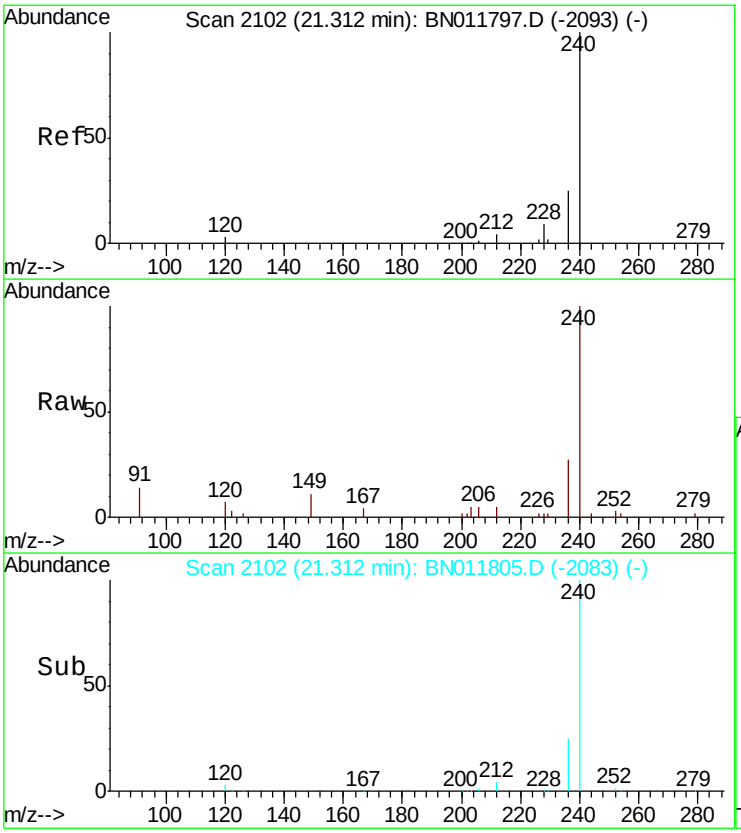
#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.15 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Instrument :
BNA_N
ClientSampleId :
FC-DUP06-20200910

Tgt Ion:212 Resp: 9650

Ion	Ratio	Lower	Upper
212	100		
106	9.0	6.4	9.6
104	5.0	3.9	5.9

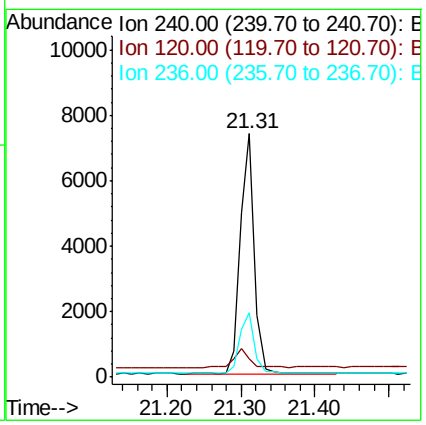


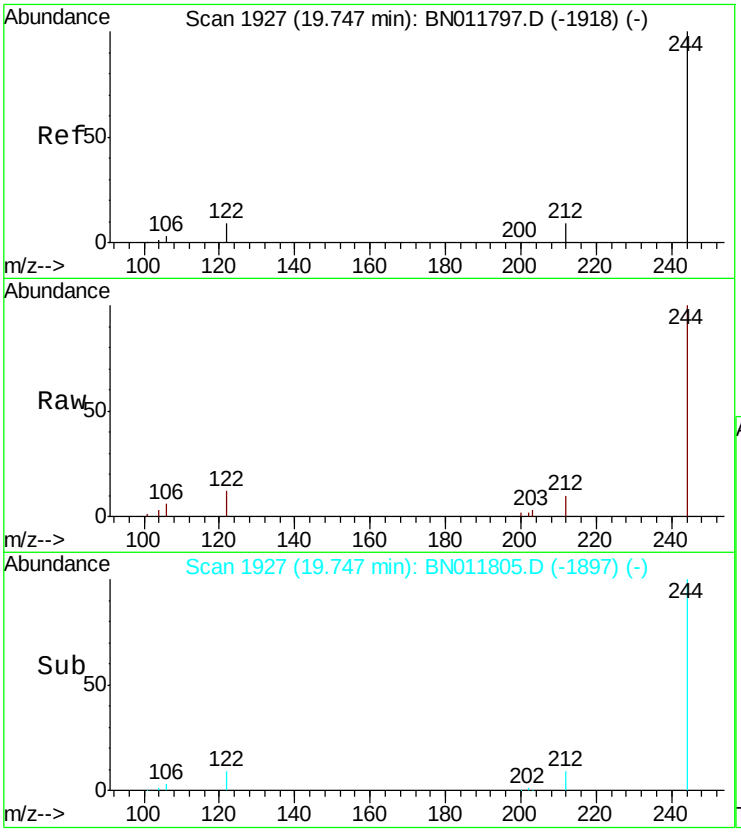


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Tgt Ion:240 Resp: 9568

Ion	Ratio	Lower	Upper
240	100		
120	7.4	3.5	5.3#
236	26.5	20.5	30.7



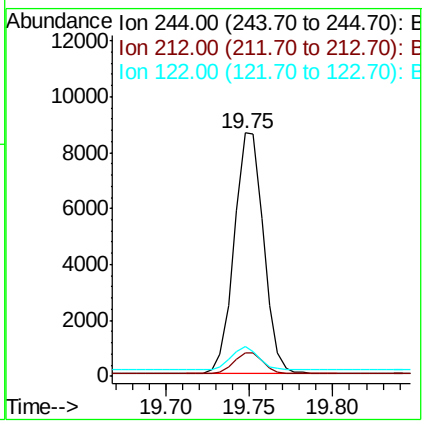


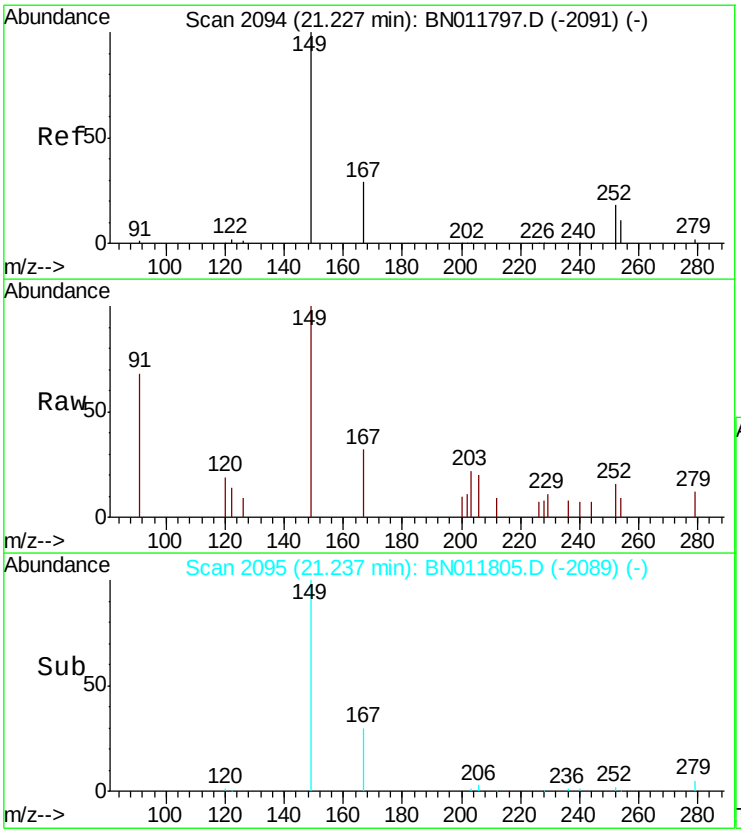
#31
Terphenyl-d14
Concen: 0.360 ng
RT: 19.75 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Instrument :
BNA_N
ClientSampleId :
FC-DUP06-20200910

Tgt Ion:244 Resp: 10503

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	12.0	7.8	11.6#

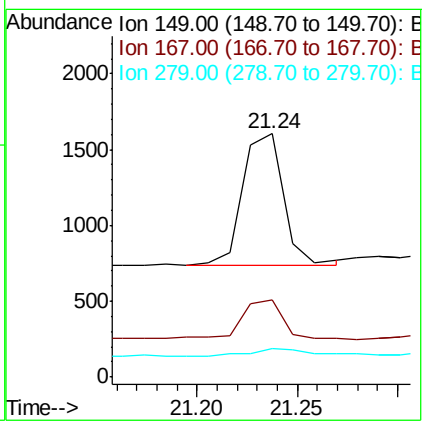


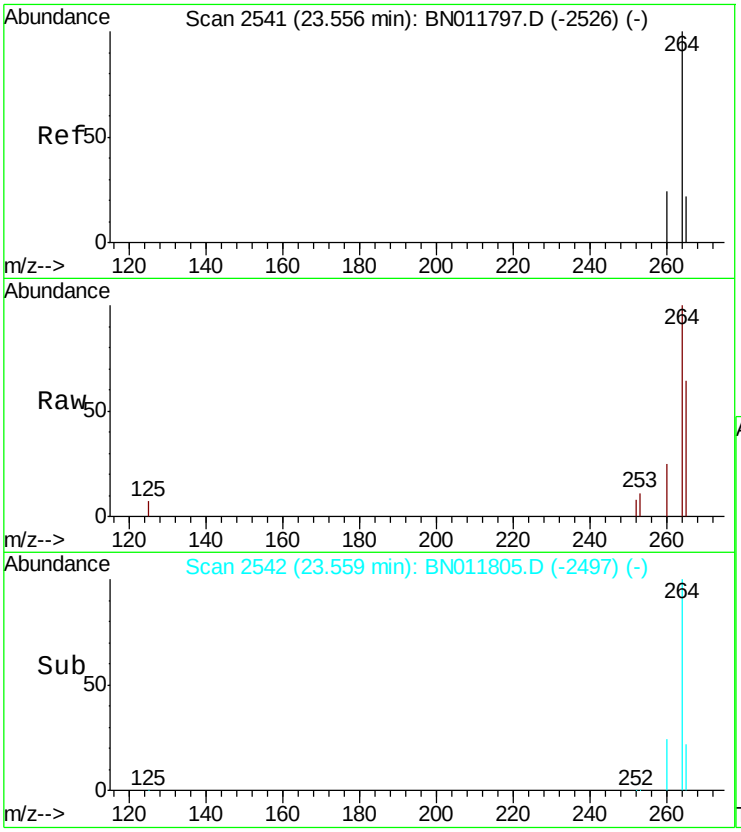


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.24 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Tgt Ion:149 Resp: 1252

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.6	35.4
279	8.5	4.0	6.0#





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.56 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BN011805.D
Acq: 15 Sep 2020 18:05

Instrument :
BNA_N
ClientSampleId :
FC-DUP06-20200910

Tgt Ion:264 Resp: 10707

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	64.0	38.6	58.0#