Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
Data File : BN006679.D
Acq On : 02 Jul 2019 03:26
Operator : HP/JU
Sample : K3473-02DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-2DL

Quant Time: Jul 02 14:31:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3781	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	15888	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	8881	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	18901	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	17113	0.40	ng		-0.02
34) Perylene-d12	23.48	264	19369	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	188	0.02	ng		0.00
5) Phenol-d6	6.87	99	120	0.01	ng		0.04
8) Nitrobenzene-d5	8.83	82	361	0.03	ng		0.04
11) 2-Methylnaphthalene-d10	12.00	152	923	0.04	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	179	0.04	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	1658	0.05	ng		-0.01
25) Fluoranthene-d10	19.07	212	2110	0.04	ng		-0.01
29) Terphenyl-d14	19.68	244	1945	0.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	21622	4.132	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	948	0.034	ng	#	91

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

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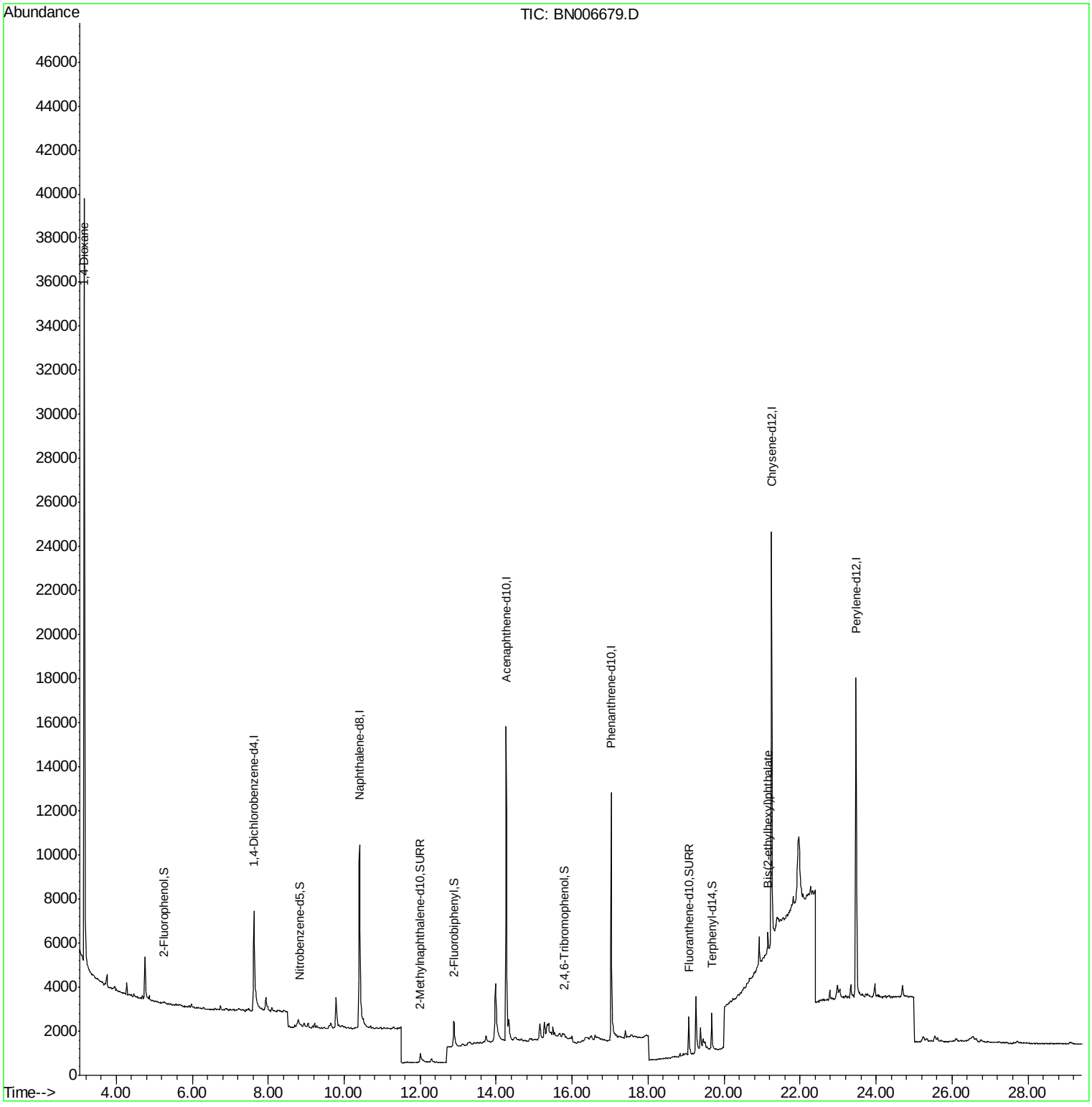
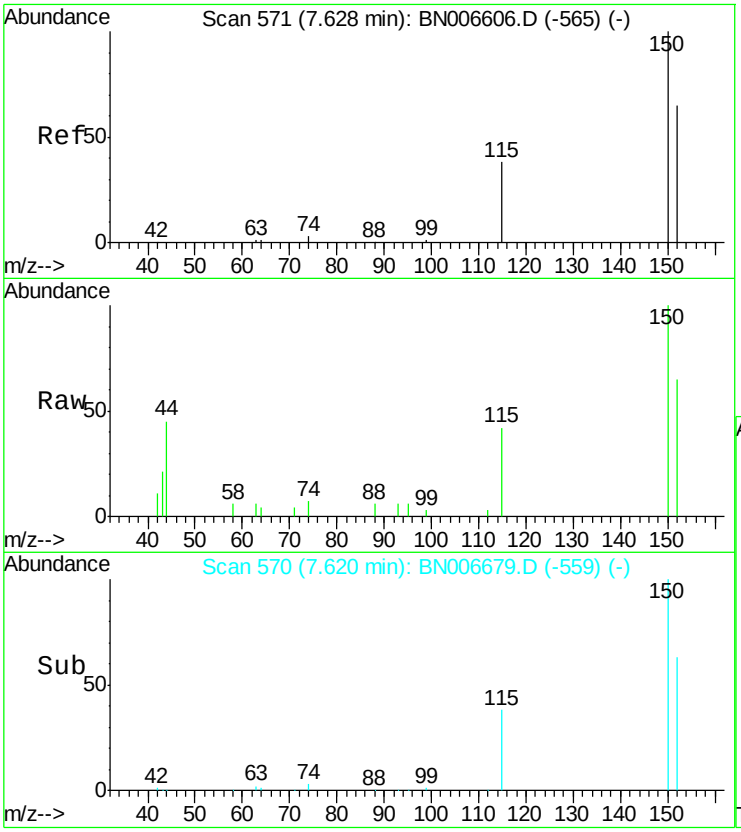


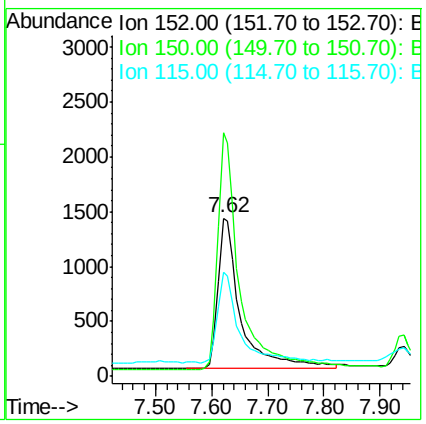


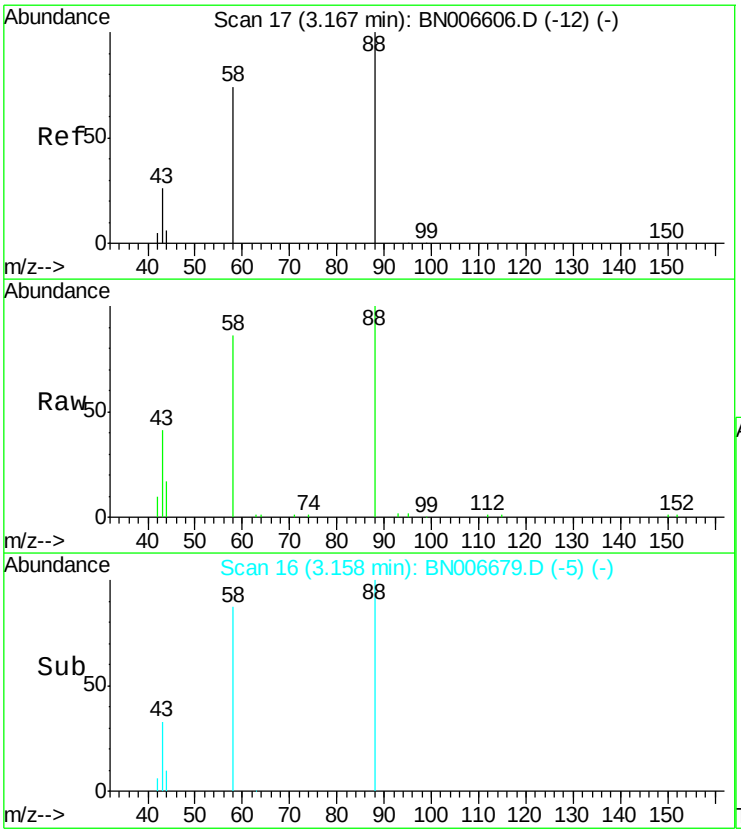
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:152 Resp: 3781

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.2	183.2
115	65.5	50.0	75.0

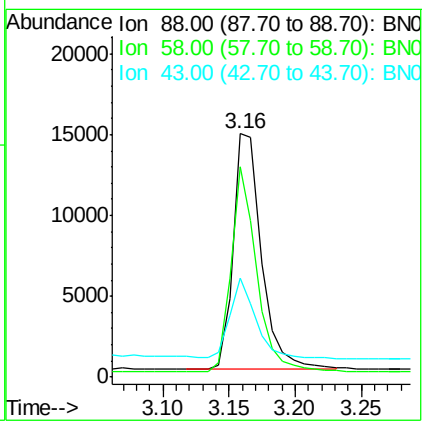


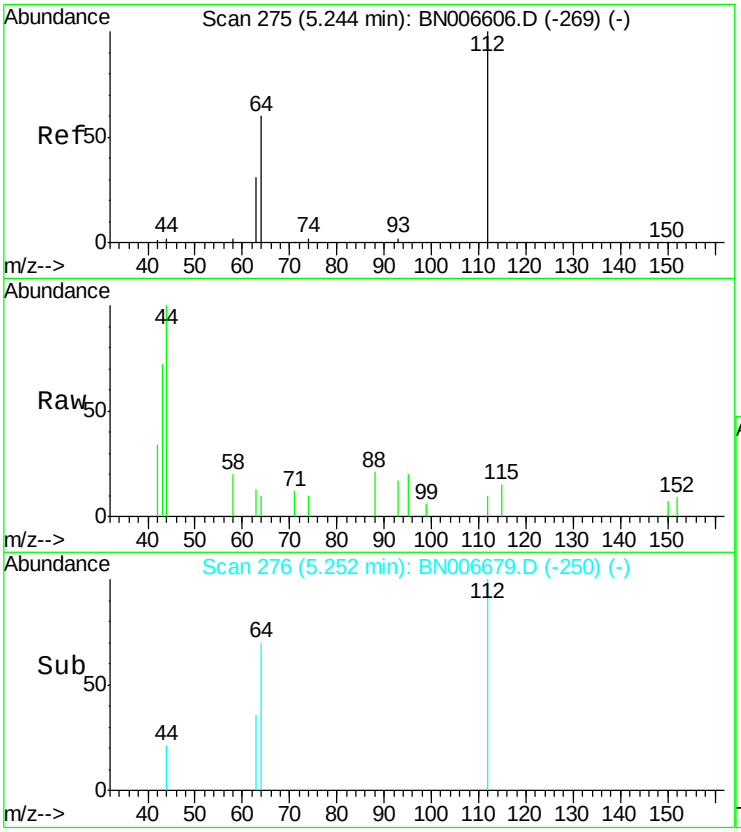


#2
1,4-Dioxane
Concen: 4.132 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion: 88 Resp: 21622

Ion	Ratio	Lower	Upper
88	100		
58	78.9	62.5	93.7
43	31.3	25.4	38.0



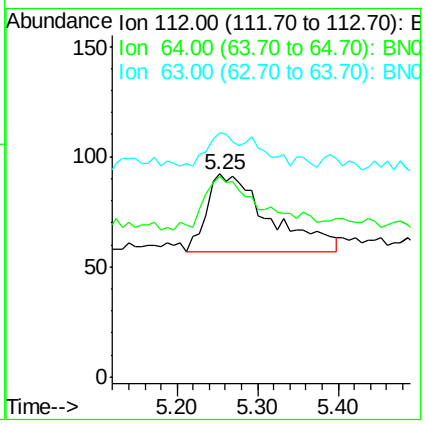


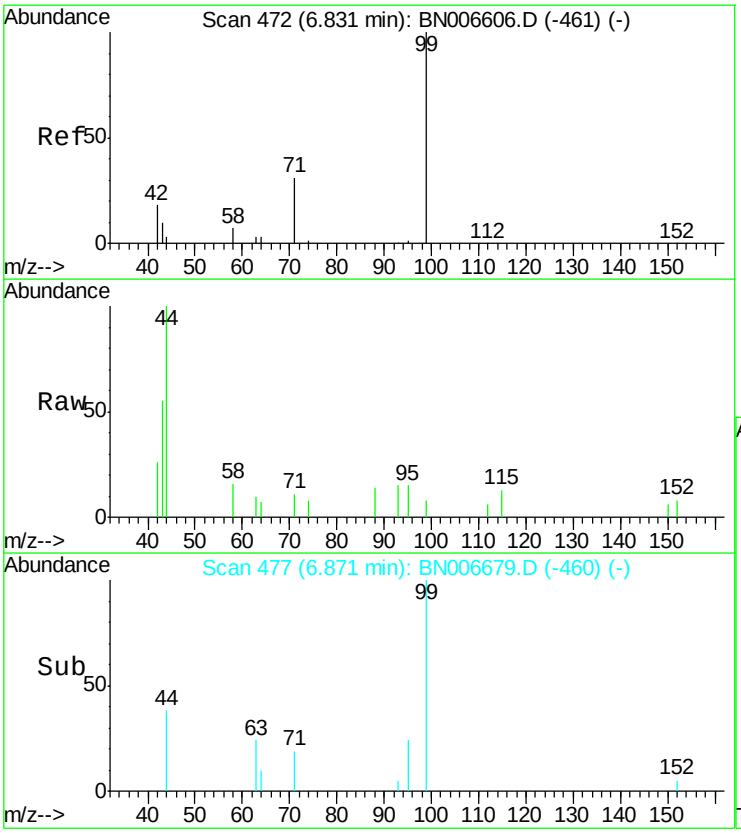
#4
2-Fluorophenol
Concen: 0.020 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:112 Resp: 188

Ion	Ratio	Lower	Upper
112	100		
64	56.9	48.9	73.3
63	18.6	24.3	36.5#

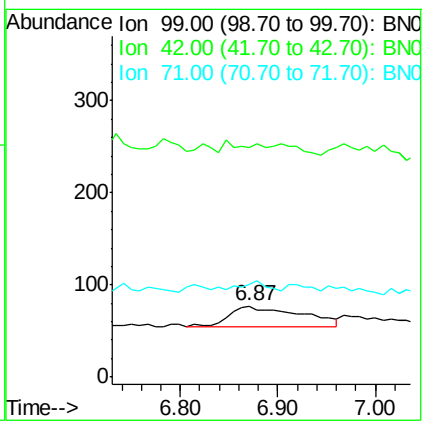


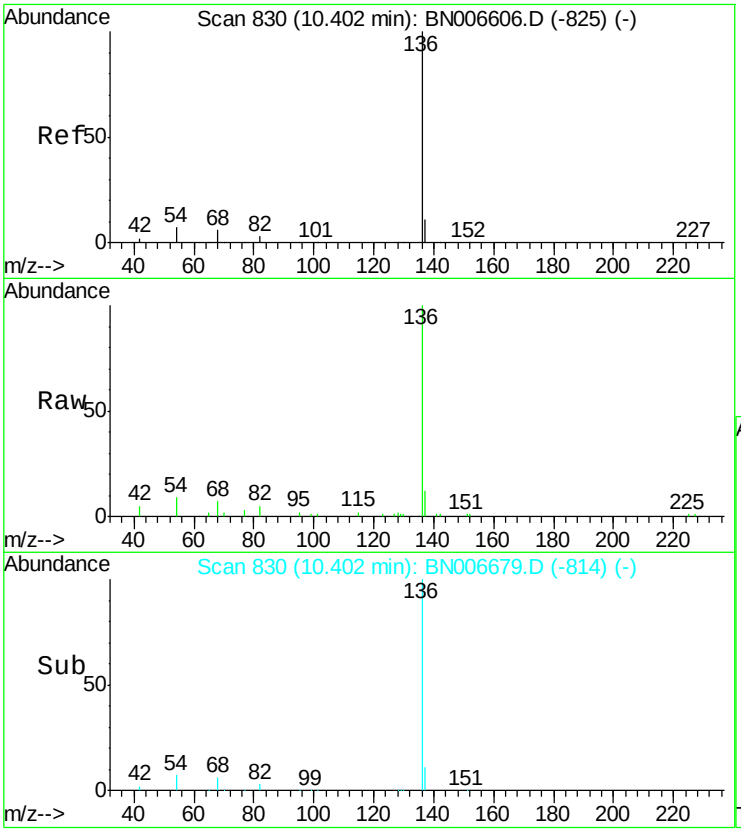


#5
Phenol-d6
Concen: 0.010 ng
RT: 6.87 min Scan# 477
Delta R.T. 0.04 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion: 99 Resp: 120

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.4	24.6#
71	16.7	26.6	40.0#



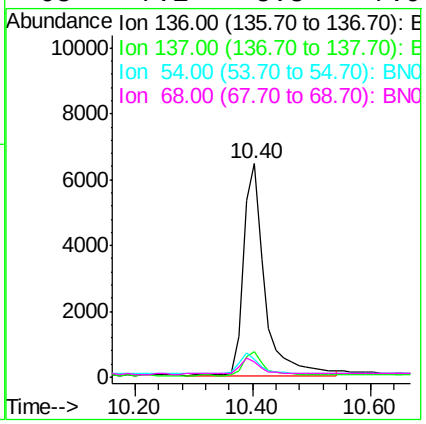


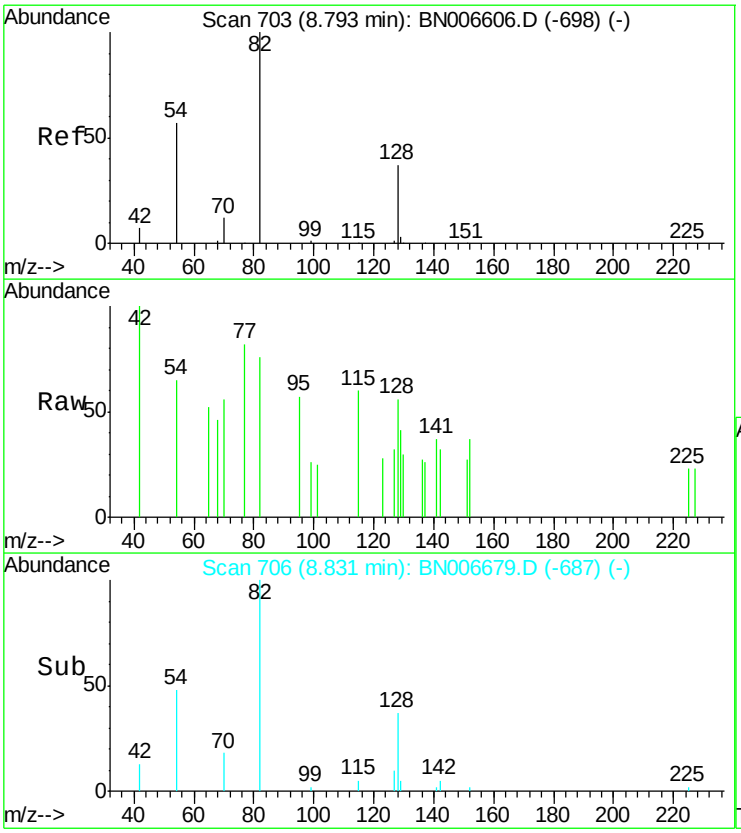
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:136 Resp: 15888

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	8.6	6.7	10.1
68	7.1	5.3	7.9

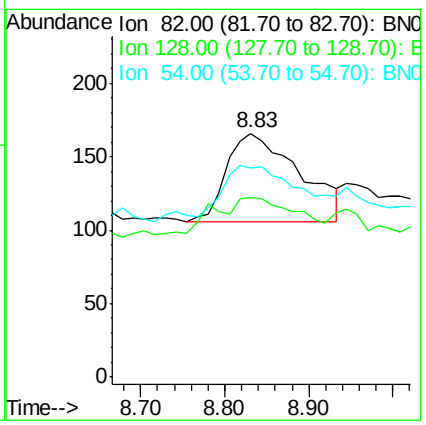


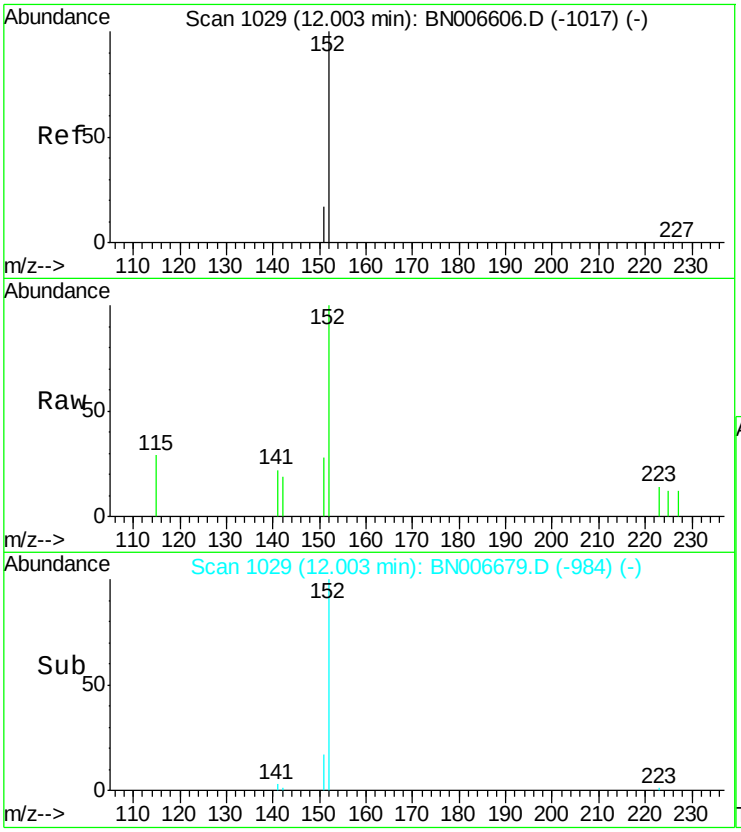


#8
Nitrobenzene-d5
Concen: 0.034 ng
RT: 8.83 min Scan# 706
Delta R.T. 0.04 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion: 82 Resp: 361

Ion	Ratio	Lower	Upper
82	100		
128	73.5	32.6	49.0#
54	85.5	48.2	72.4#



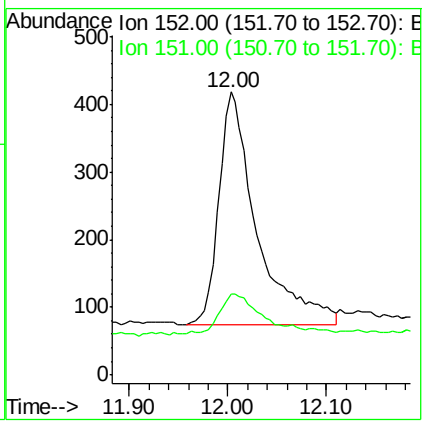


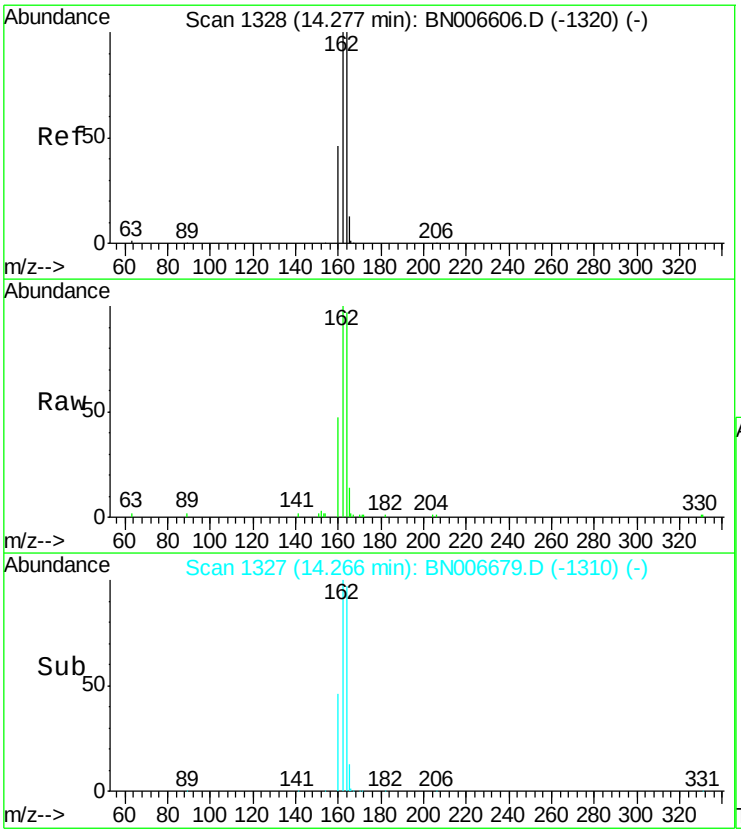
#11
2-Methylnaphthalene-d10
Concen: 0.037 ng
RT: 12.00 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:152 Resp: 923

Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.0	22.4

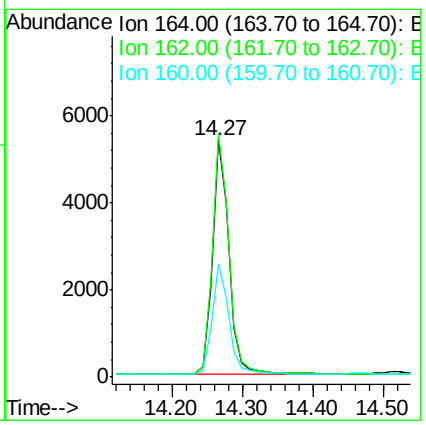


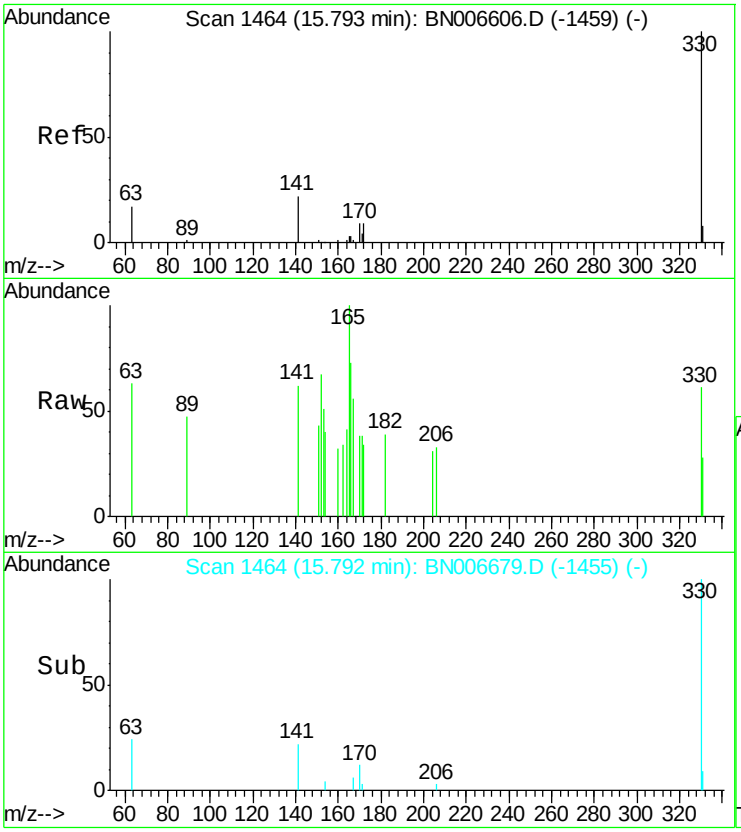


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion:164 Resp: 8881

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	47.8	37.0	55.4



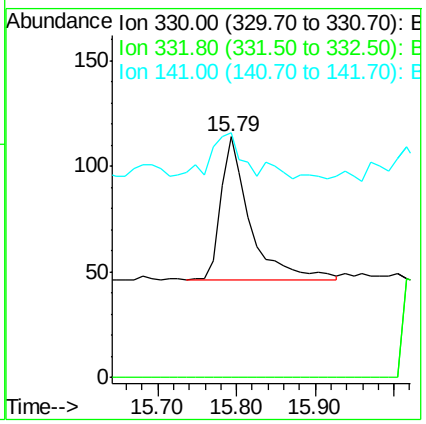


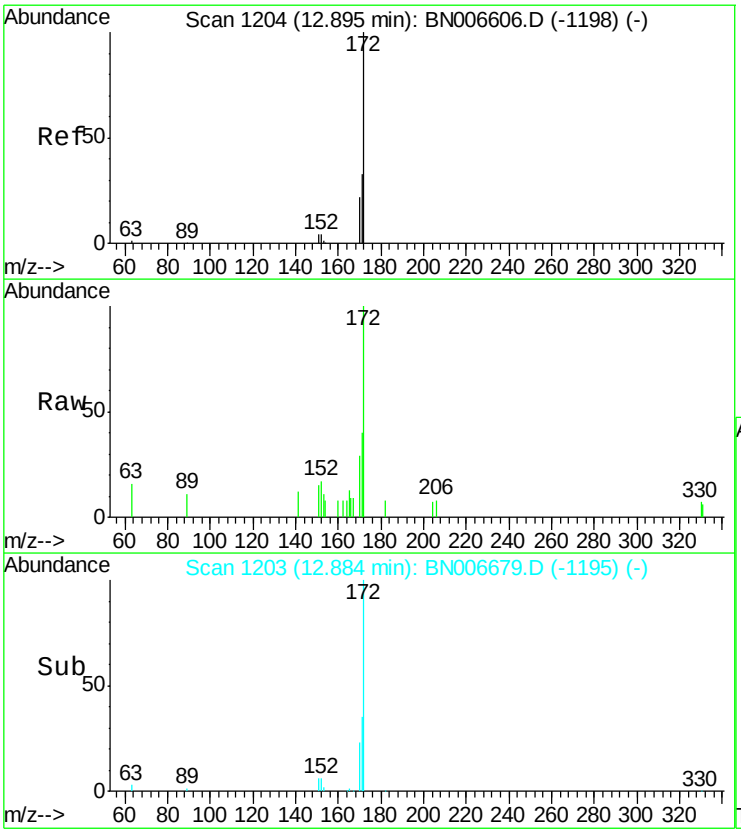
#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:330 Resp: 179

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.3	26.5	39.7

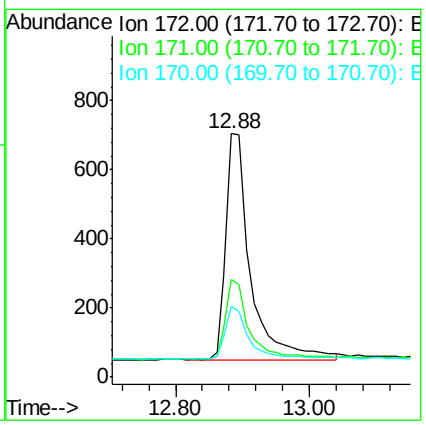


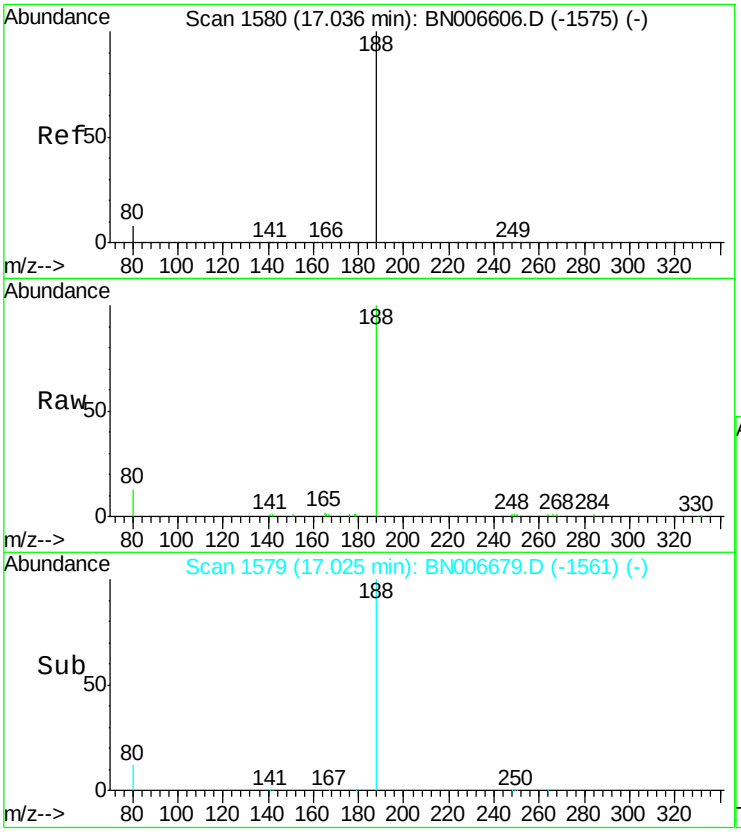


#15
2-Fluorobiphenyl
Concen: 0.050 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion:172 Resp: 1658

Ion	Ratio	Lower	Upper
172	100		
171	40.3	27.0	40.4
170	29.2	17.7	26.5#



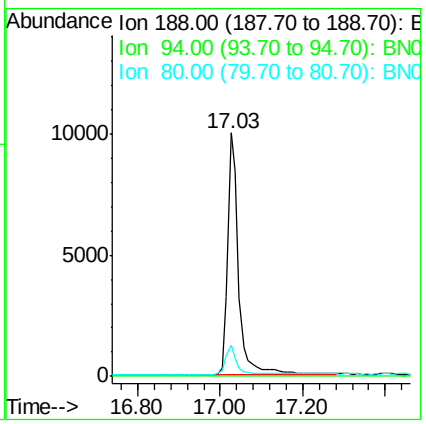


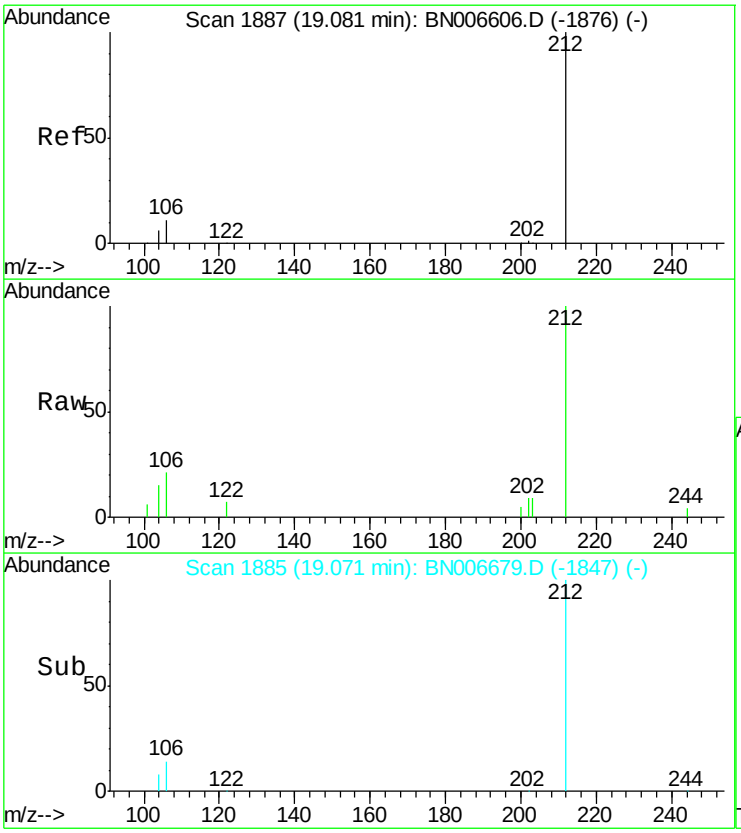
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:188 Resp: 18901

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	7.1	10.7#

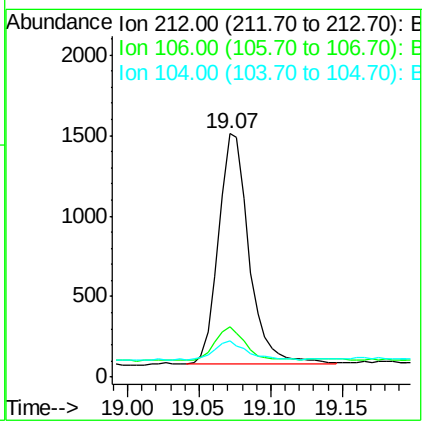


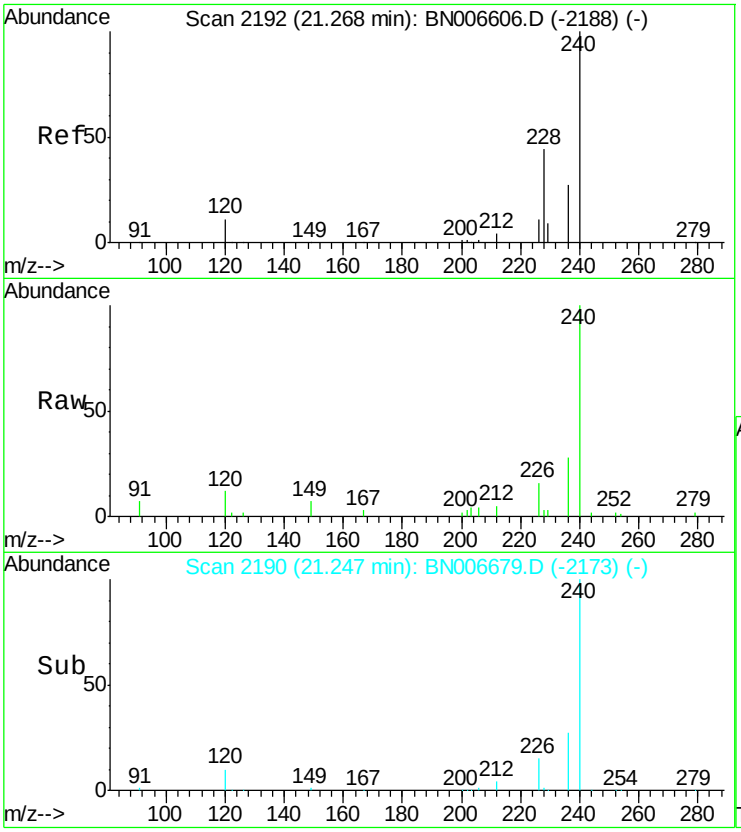


#25
Fluoranthene-d10
Concen: 0.038 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion:212 Resp: 2110

Ion	Ratio	Lower	Upper
212	100		
106	13.9	10.6	15.8
104	9.0	5.8	8.6#



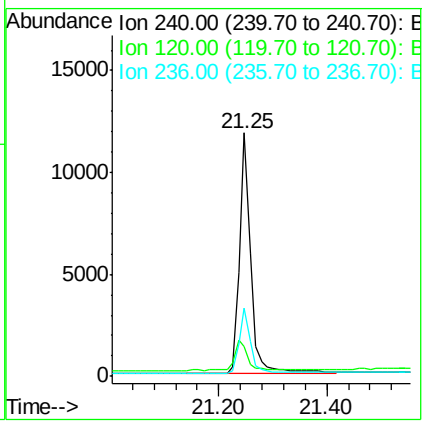


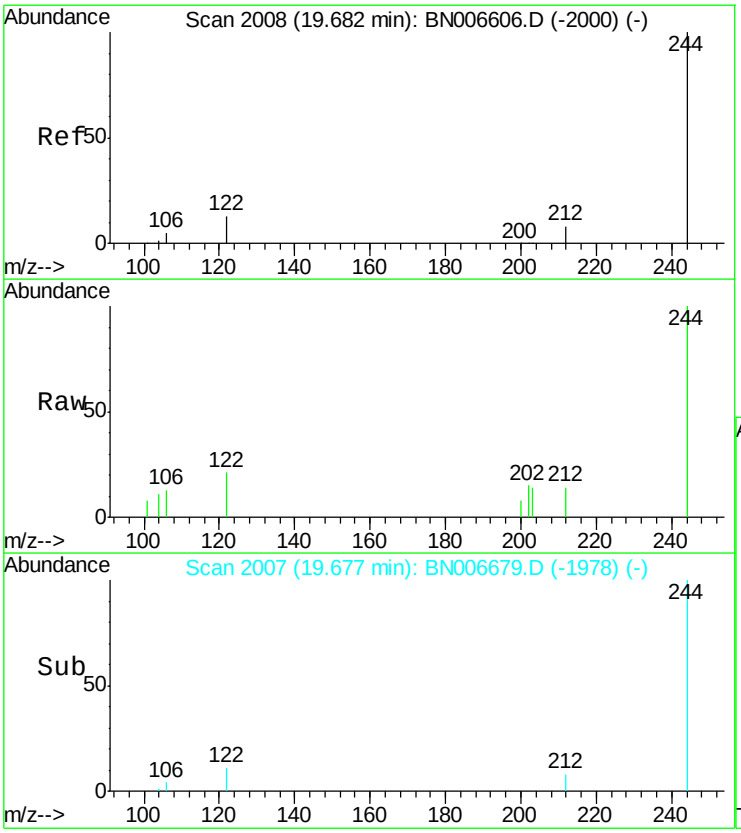
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:240 Resp: 17113

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.9	14.9
236	28.3	22.2	33.4

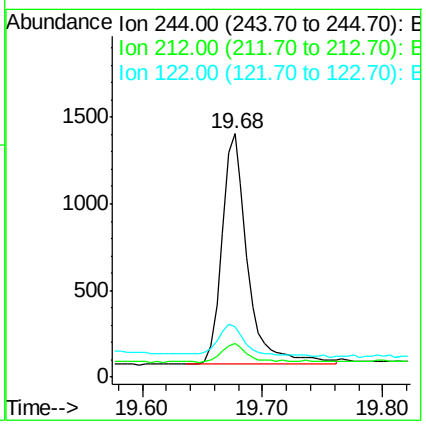


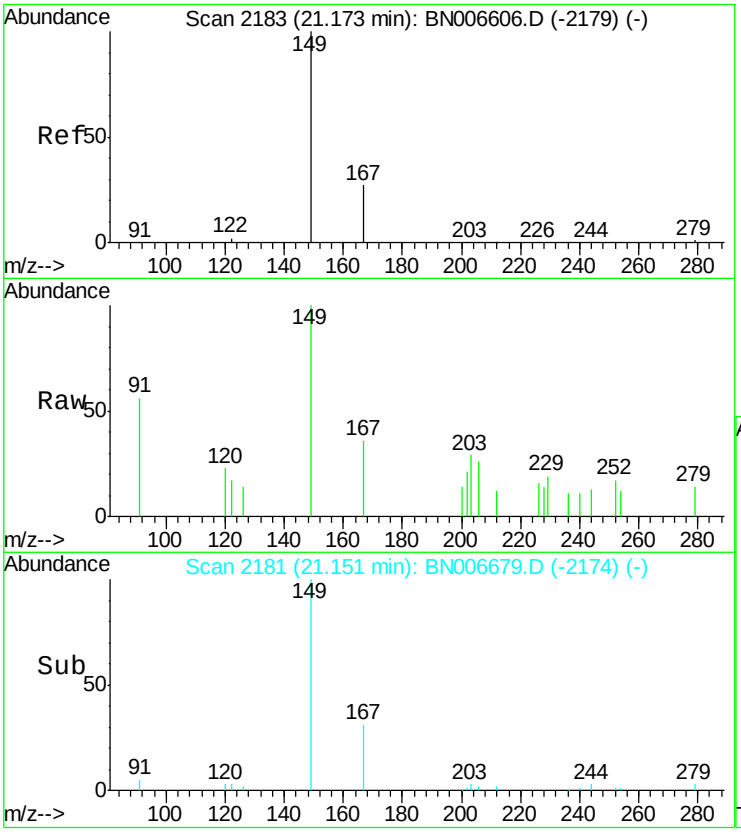


#29
Terphenyl-d14
Concen: 0.054 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion:244 Resp: 1945

Ion	Ratio	Lower	Upper
244	100		
212	14.0	6.7	10.1#
122	20.6	11.0	16.6#



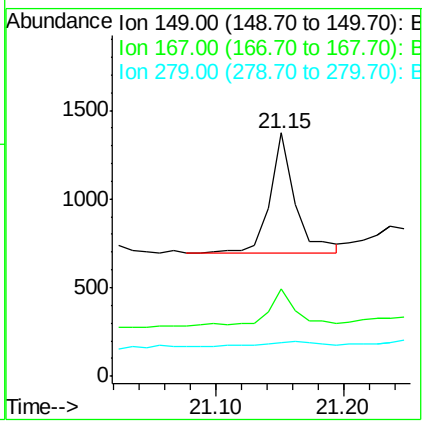


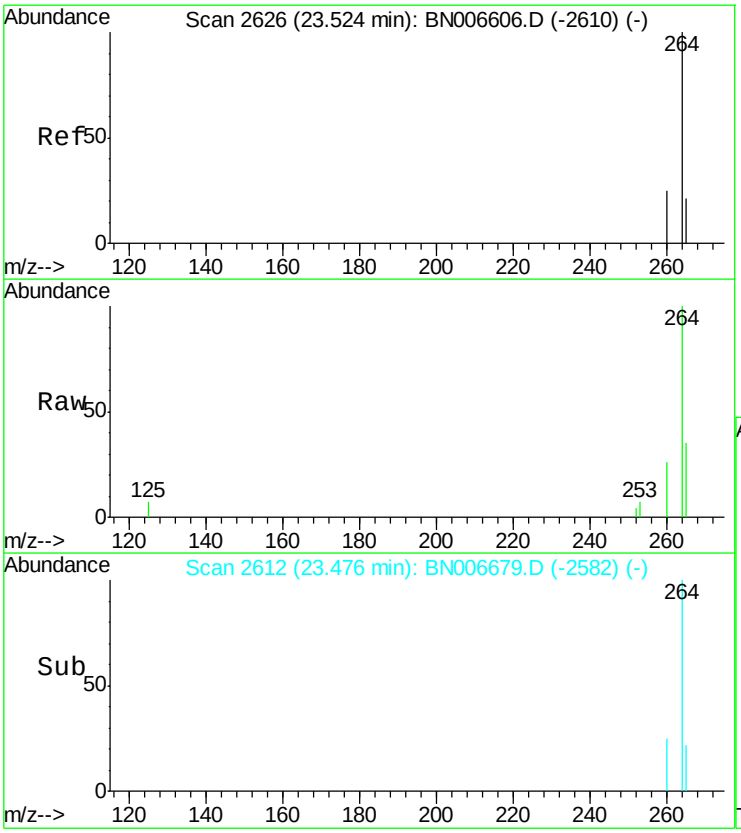
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Instrument :
BNA_N
ClientSampleId :
MW-2DL

Tgt Ion:149 Resp: 948

Ion	Ratio	Lower	Upper
149	100		
167	32.8	22.9	34.3
279	9.3	3.3	4.9#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.05 min
Lab File: BN006679.D
Acq: 02 Jul 2019 03:26

Tgt Ion:264 Resp: 19369

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.2
265	35.3	23.3	34.9#