Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
Data File : BF127016.D
Acq On : 22 Feb 2022 18:50
Operator : CG\JU
Sample : N1626-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CC-A8

Quant Time: Feb 22 23:58:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	65076	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	260403	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	127211	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	195831	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	104368	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	113132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	14060	3.339	ng	0.00
7) Phenol-d6	6.534	99	43109	7.588	ng	-0.01
23) Nitrobenzene-d5	7.481	82	442077	76.628	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	3227	2.203	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	736614	85.245	ng	0.00
79) Terphenyl-d14	13.033	244	566112	79.738	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	61573	16.819	ng	# 79
25) Isophorone	7.728	82	49829	5.220	ng	# 97
51) 2,6-Dinitrotoluene	9.957	165	16118	8.713	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	16118	6.444	ng	# 16
77) Benzidine	13.033	184	9514	3.354	ng	# 94
84) Bis(2-ethylhexyl)phtha...	14.057	149	14580	2.587	ng	# 90

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

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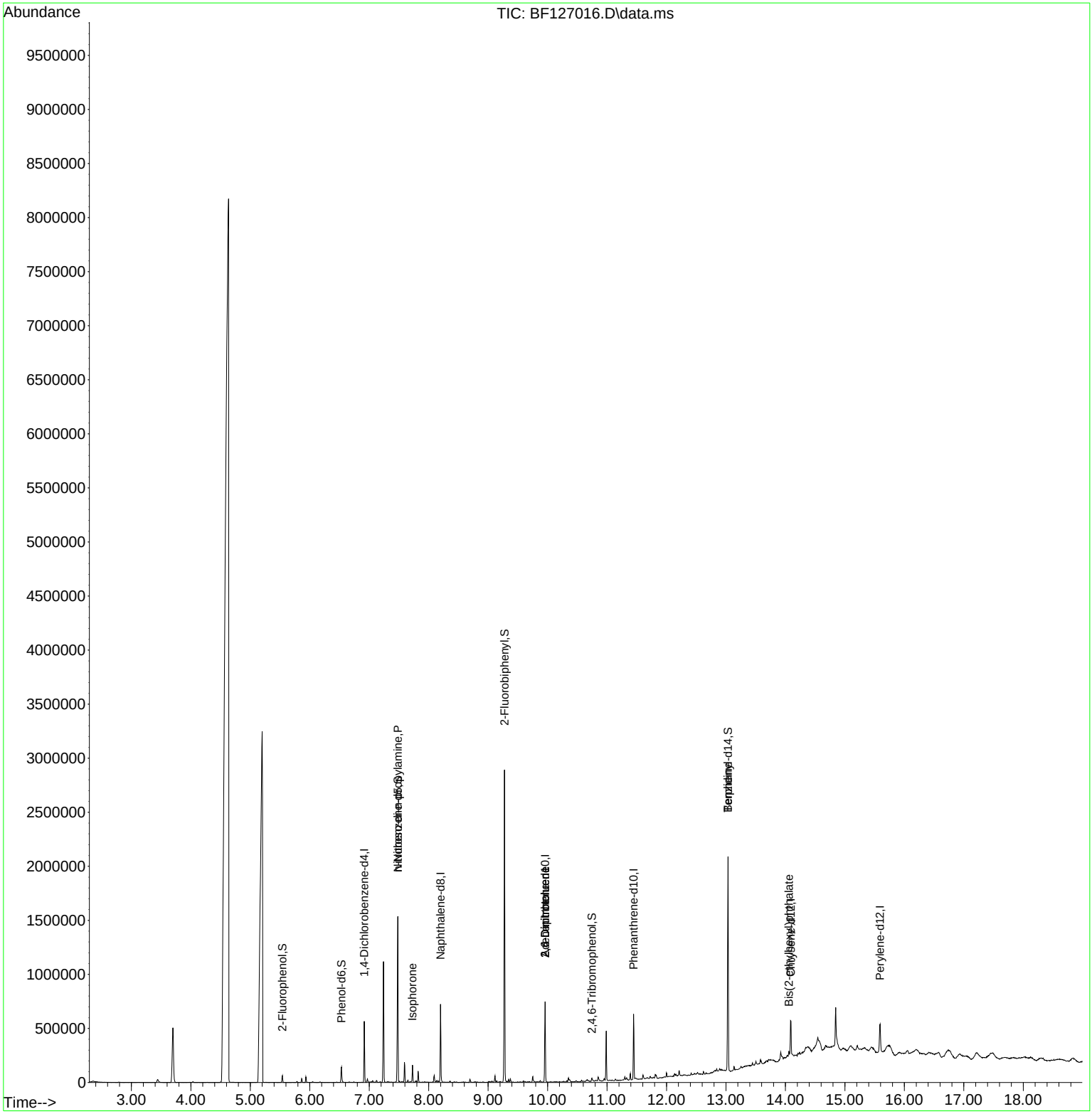
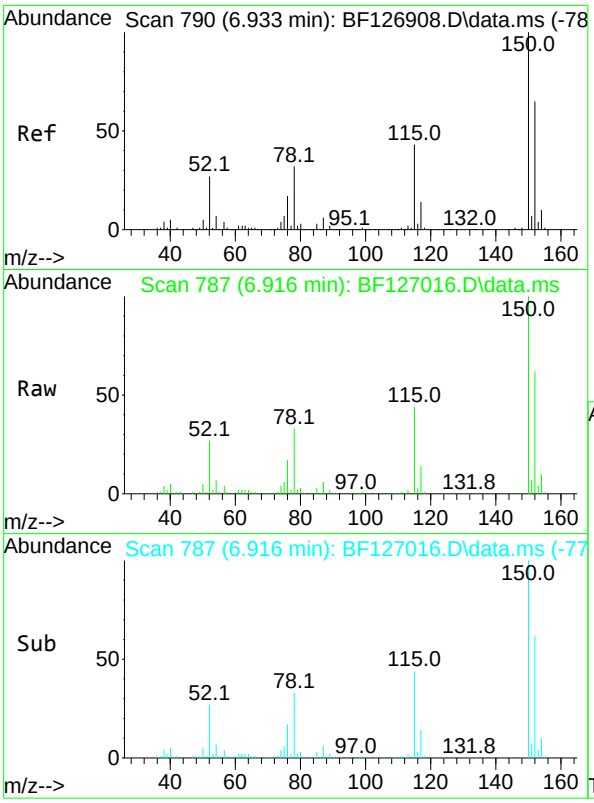


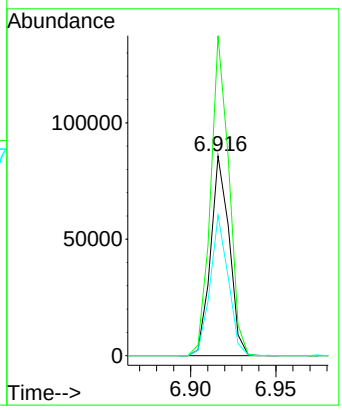


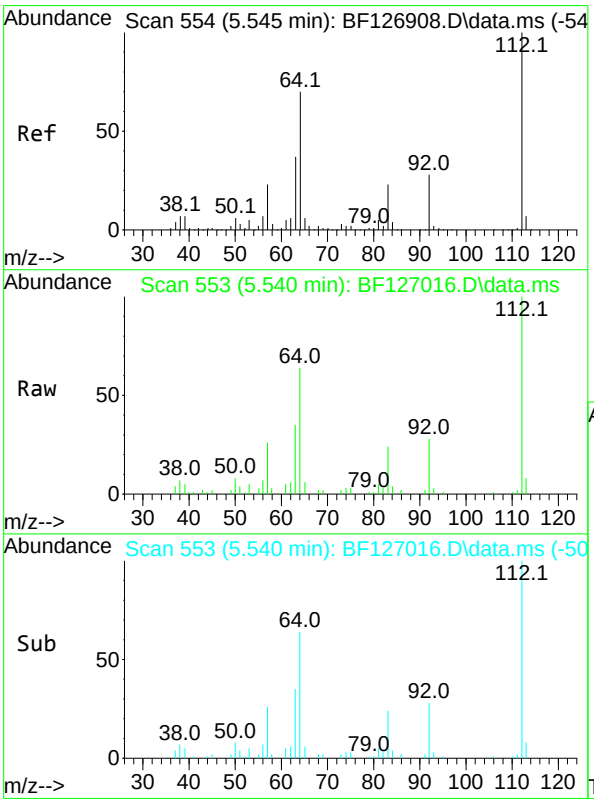
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion:152 Resp: 65076

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.1	192.1
115	70.3	56.7	85.1

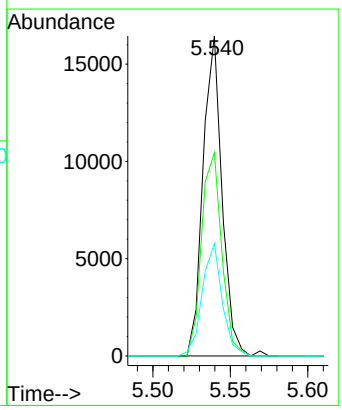


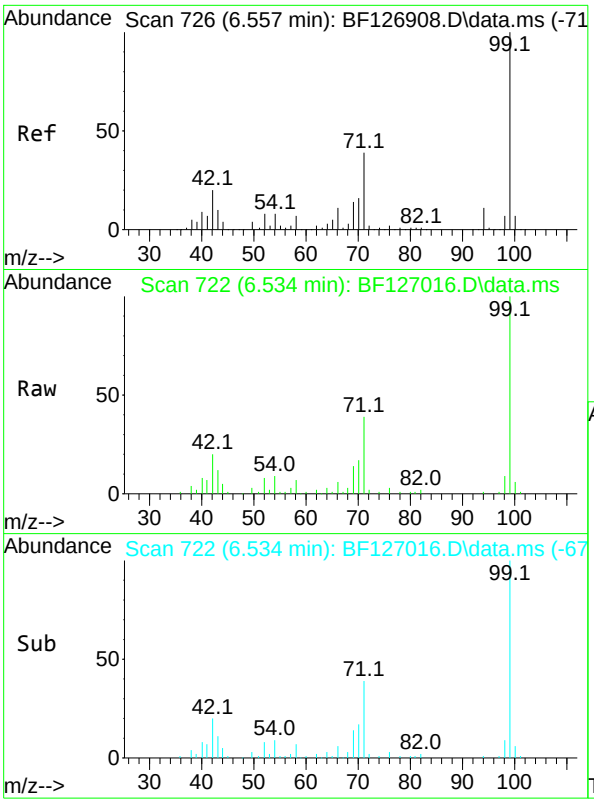


#5
2-Fluorophenol
Concen: 3.339 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion:112 Resp: 14060

Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.5	74.3
63	35.1	23.9	35.9



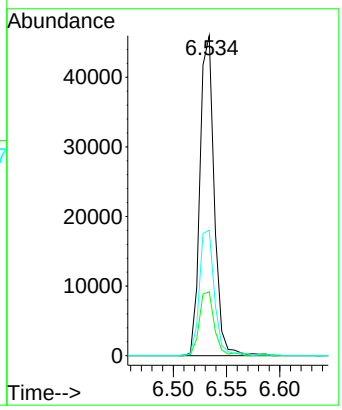


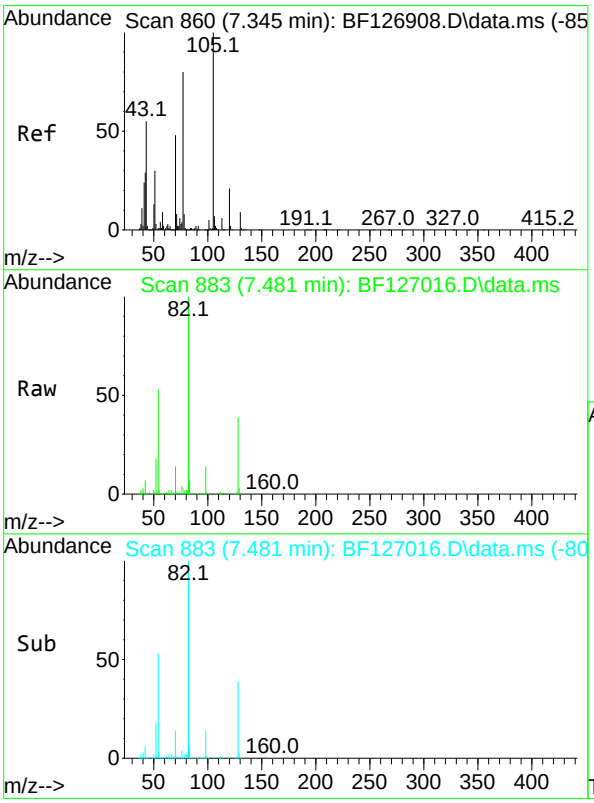
#7
Phenol-d6
Concen: 7.588 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion: 99 Resp: 43109

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.2	21.4
71	39.2	24.3	36.5#

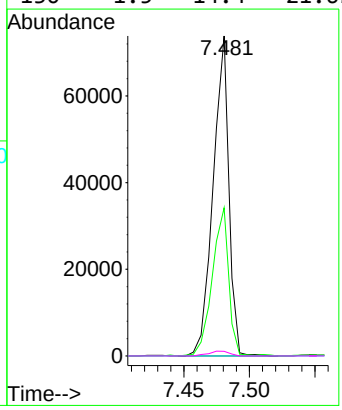


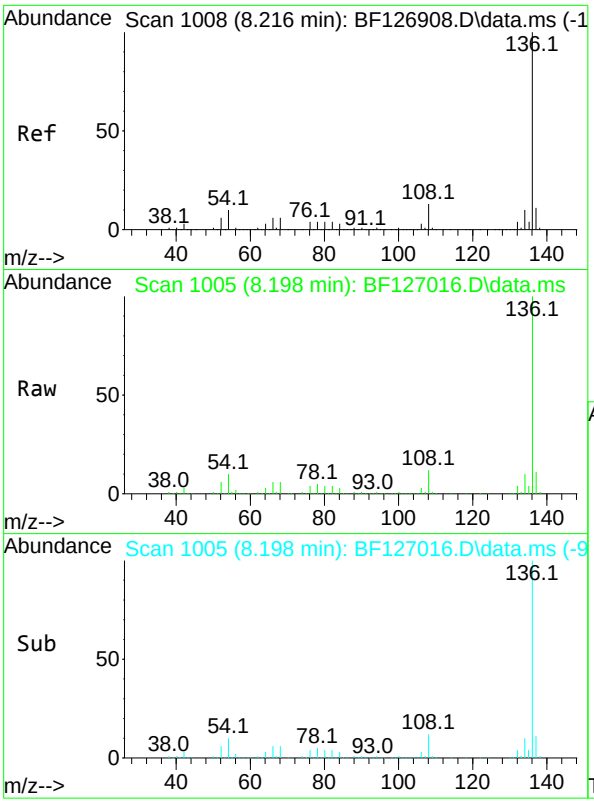


#19
n-Nitroso-di-n-propylamine
Concen: 16.819 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion: 70 Resp: 61573

Ion	Ratio	Lower	Upper
70	100		
42	46.3	45.8	68.8
101	0.0	6.9	10.3#
130	1.5	14.4	21.6#



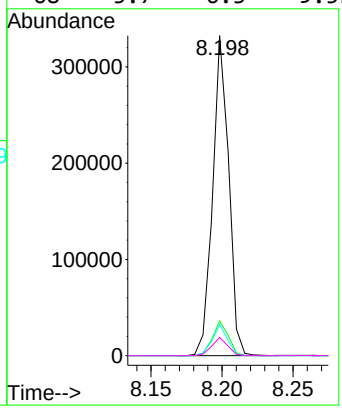


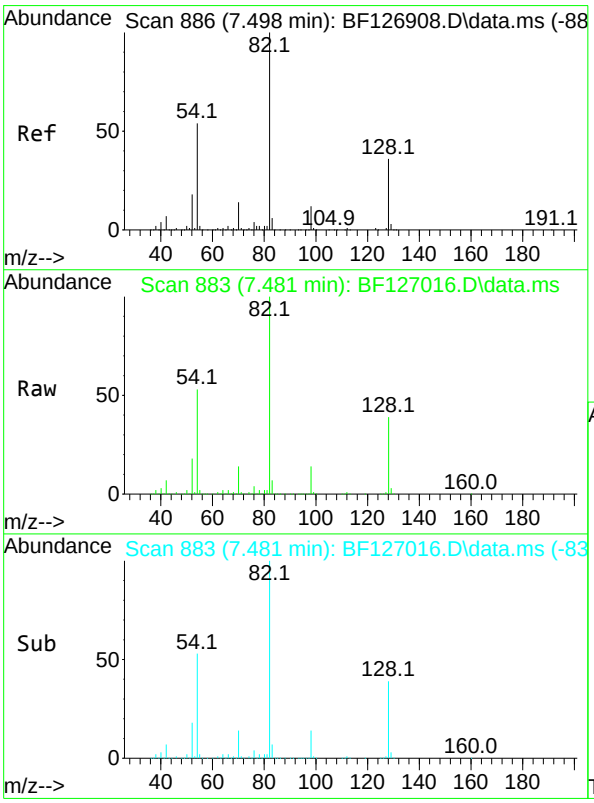
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion:136 Resp: 260403

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.7	7.8	11.6
68	5.7	6.3	9.5#

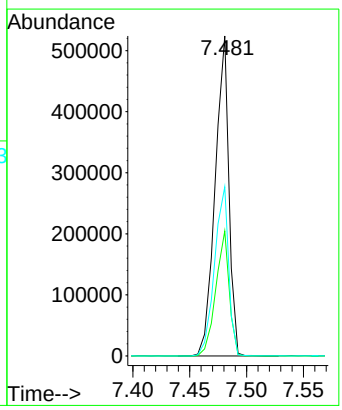


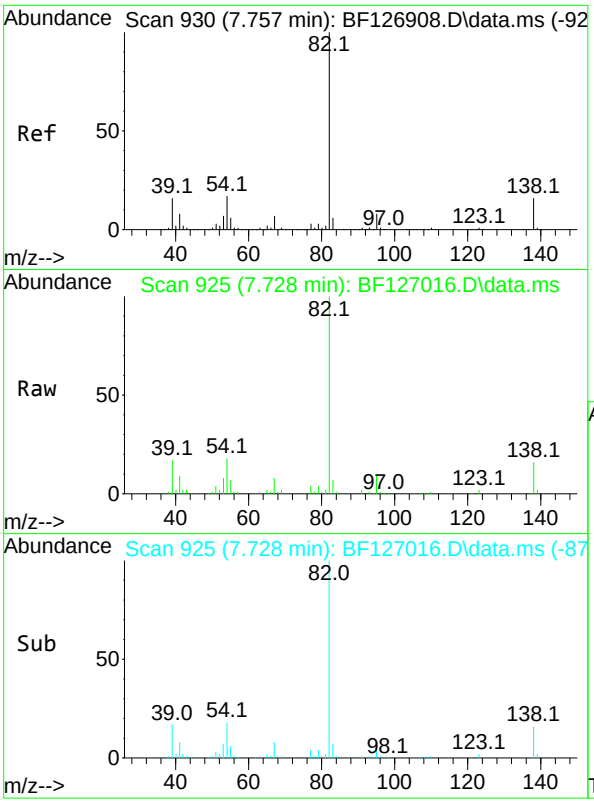


#23
Nitrobenzene-d5
Concen: 76.628 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion: 82 Resp: 442077

Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.7	49.1
54	52.8	41.7	62.5



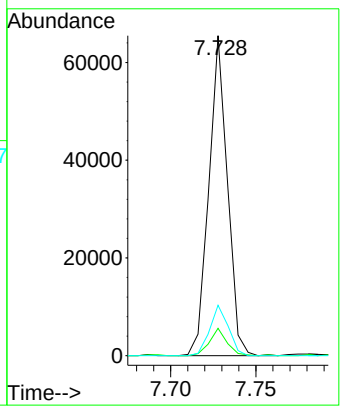


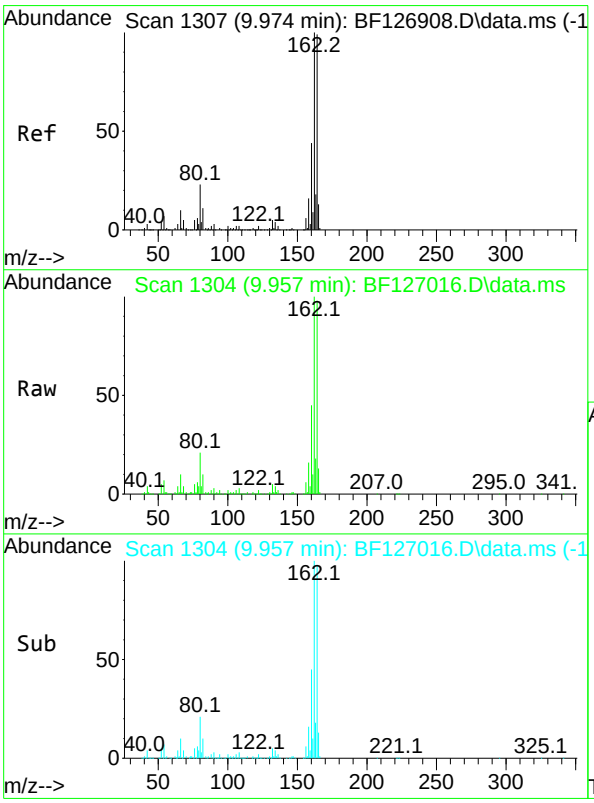
#25
Isophorone
Concen: 5.220 ng
RT: 7.728 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion: 82 Resp: 49829

Ion	Ratio	Lower	Upper
82	100		
95	8.5	5.0	7.4#
138	15.7	12.3	18.5

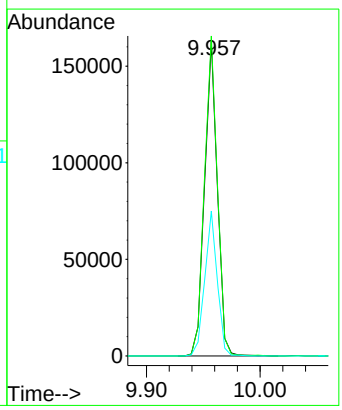


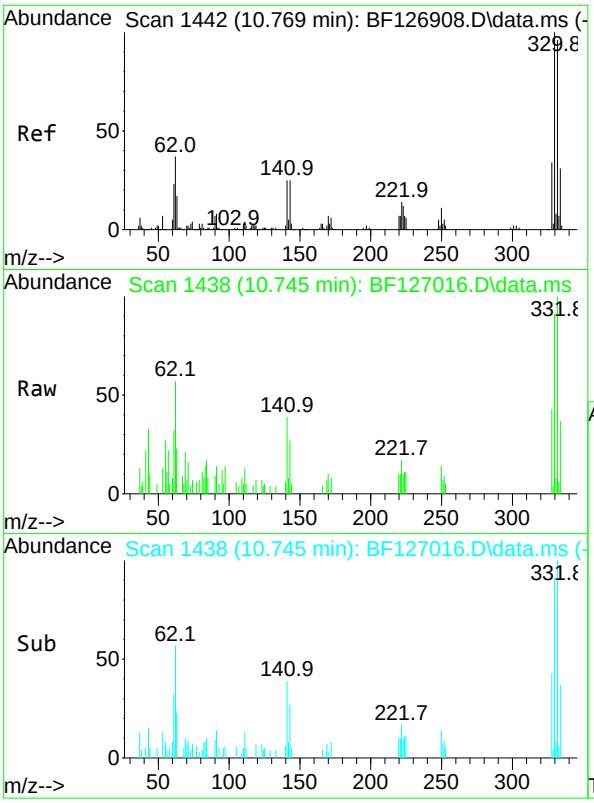


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion:164 Resp: 127211

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	46.1	36.6	54.8



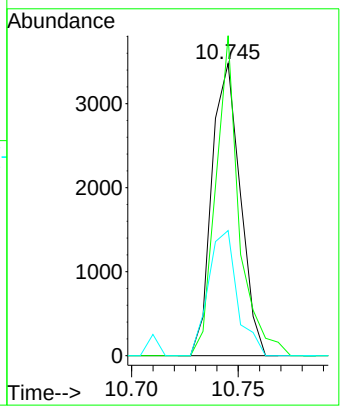


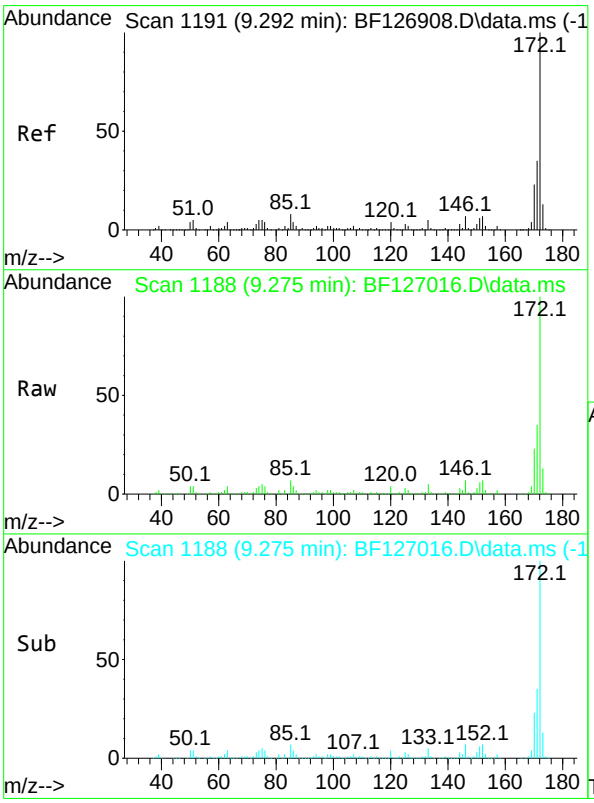
#42
2,4,6-Tribromophenol
Concen: 2.203 ng
RT: 10.745 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion:330 Resp: 3227

Ion	Ratio	Lower	Upper
330	100		
332	90.0	76.0	114.0
141	43.5	30.1	45.1

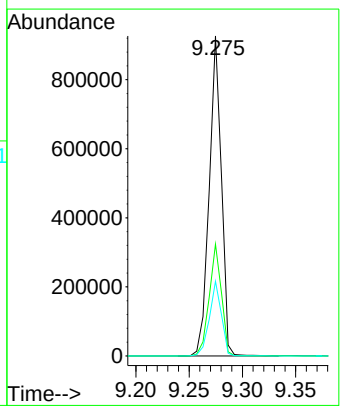


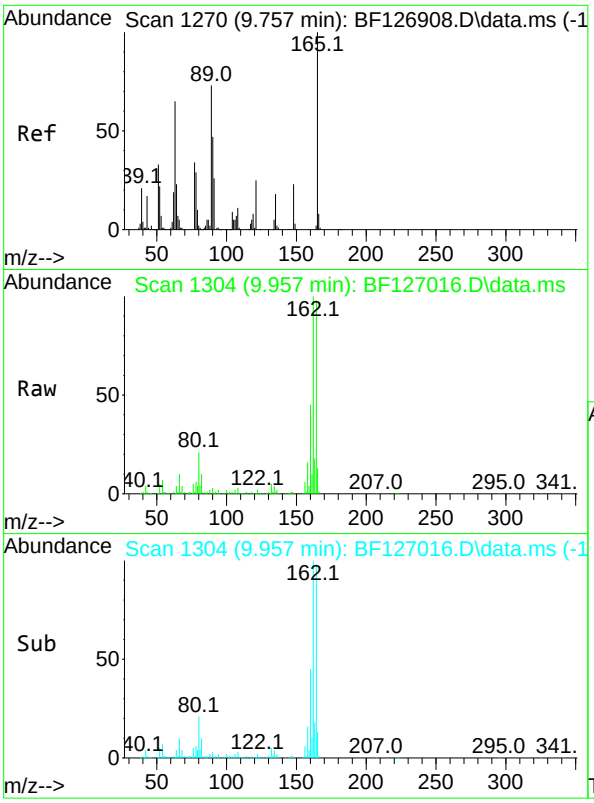


#45
2-Fluorobiphenyl
Concen: 85.245 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion:172 Resp: 736614

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	23.3	19.0	28.6



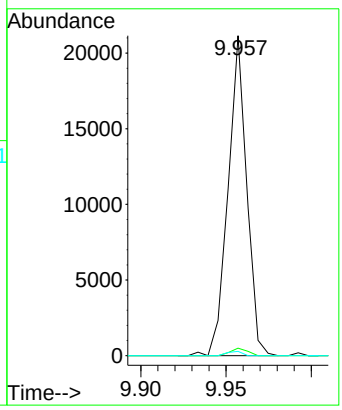


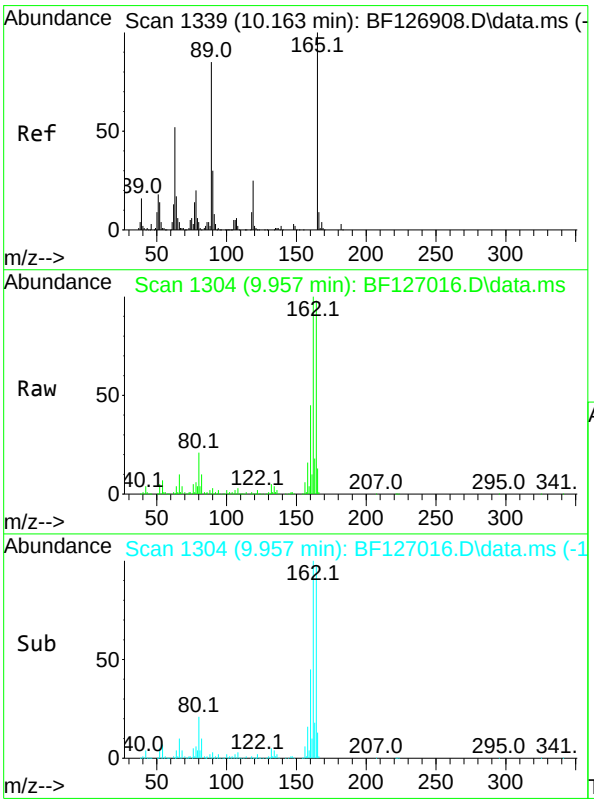
#51
2,6-Dinitrotoluene
Concen: 8.713 ng
RT: 9.957 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion:165 Resp: 16118

Ion	Ratio	Lower	Upper
165	100		
63	2.4	48.4	72.6#
89	1.4	50.5	75.7#

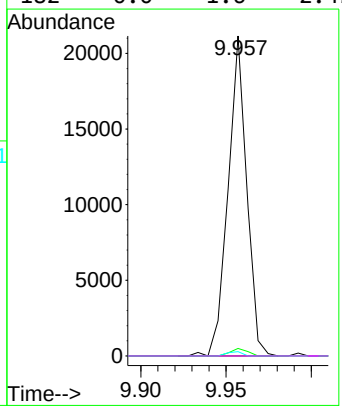


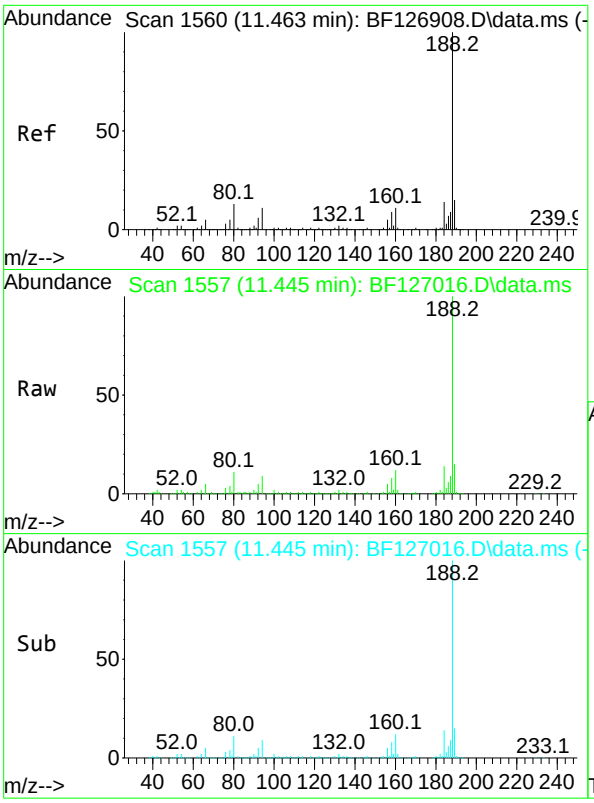


#57
2,4-Dinitrotoluene
Concen: 6.444 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion:165 Resp: 16118

Ion	Ratio	Lower	Upper
165	100		
63	2.4	43.0	64.6#
89	1.4	71.0	106.4#
182	0.0	1.6	2.4#



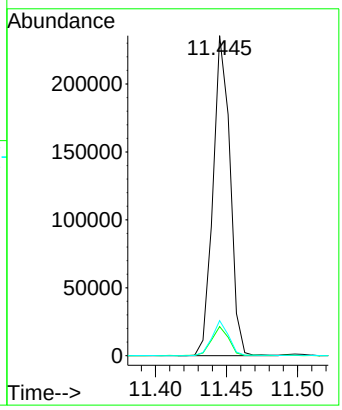


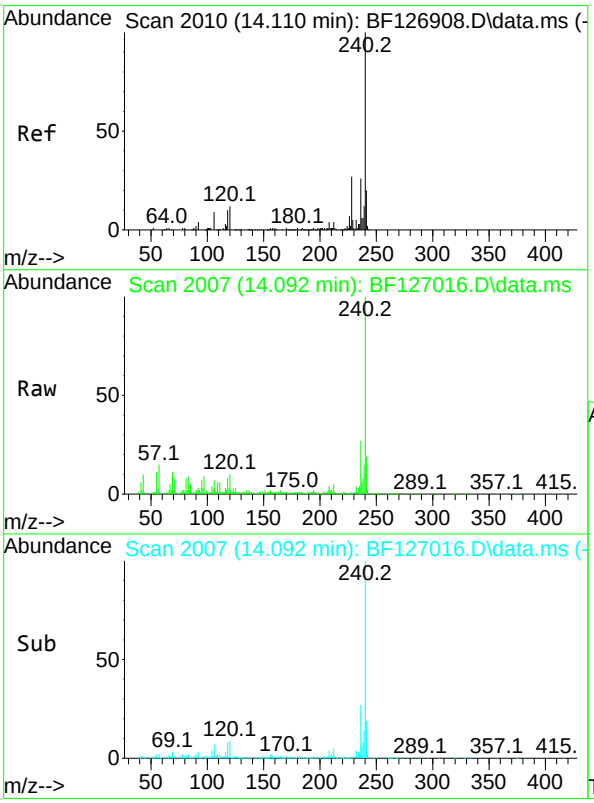
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion:188 Resp: 195831

Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.1	15.1#
80	10.9	11.8	17.6#

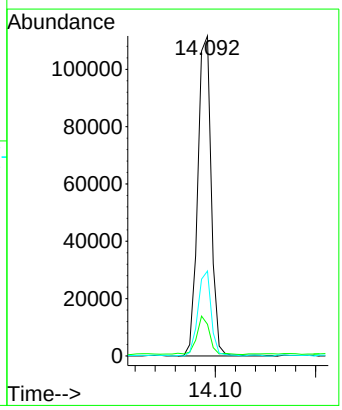


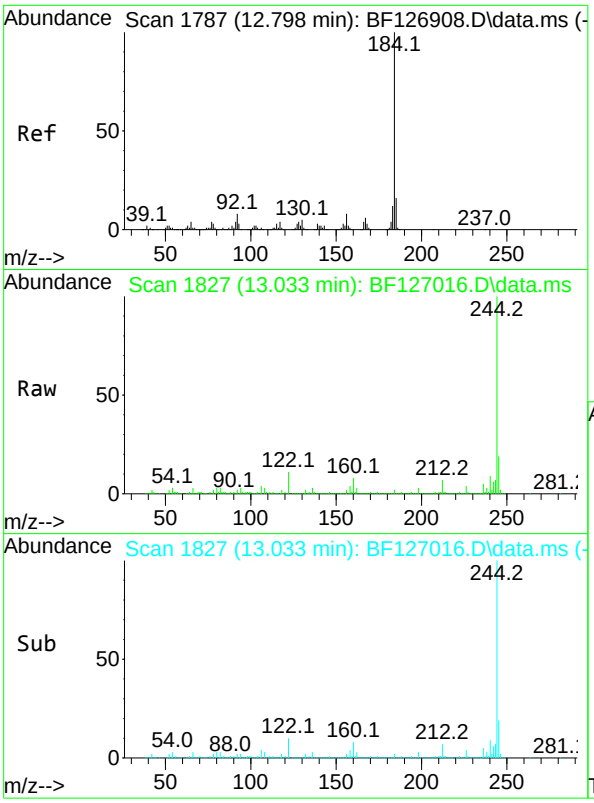


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion:240 Resp: 104368

Ion	Ratio	Lower	Upper
240	100		
120	9.9	14.4	21.6#
236	26.6	20.5	30.7



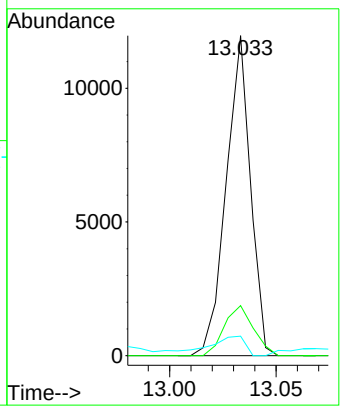


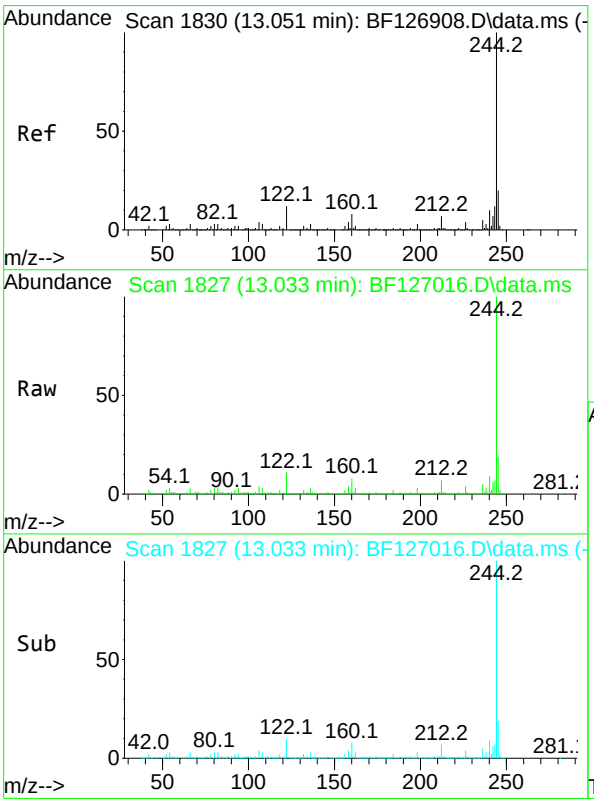
#77
Benzidine
Concen: 3.354 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.247 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion:184 Resp: 9514

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	6.1	8.2	12.2#

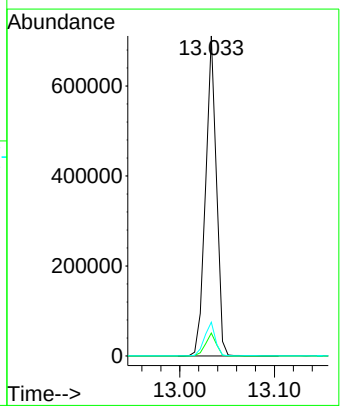


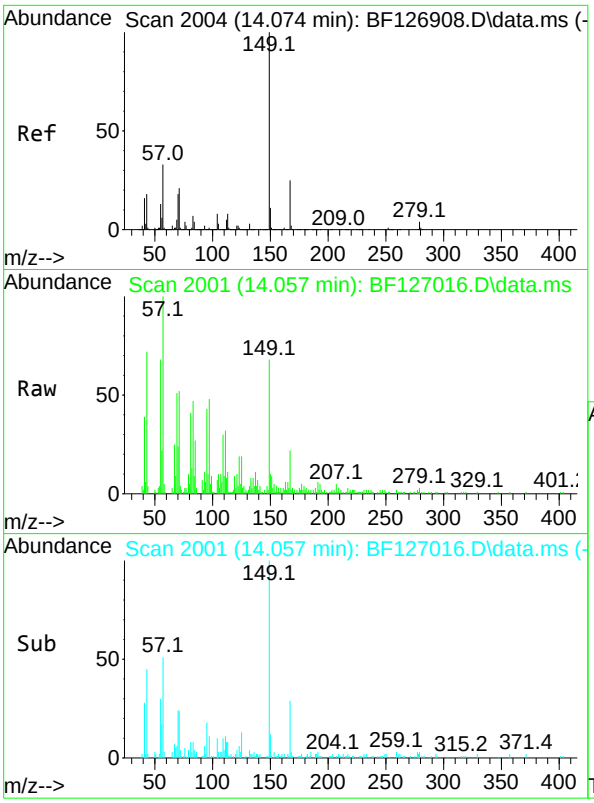


#79
Terphenyl-d14
Concen: 79.738 ng
RT: 13.033 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion:244 Resp: 566112

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	10.5	13.3	19.9#



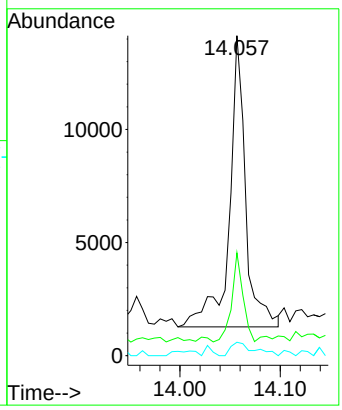


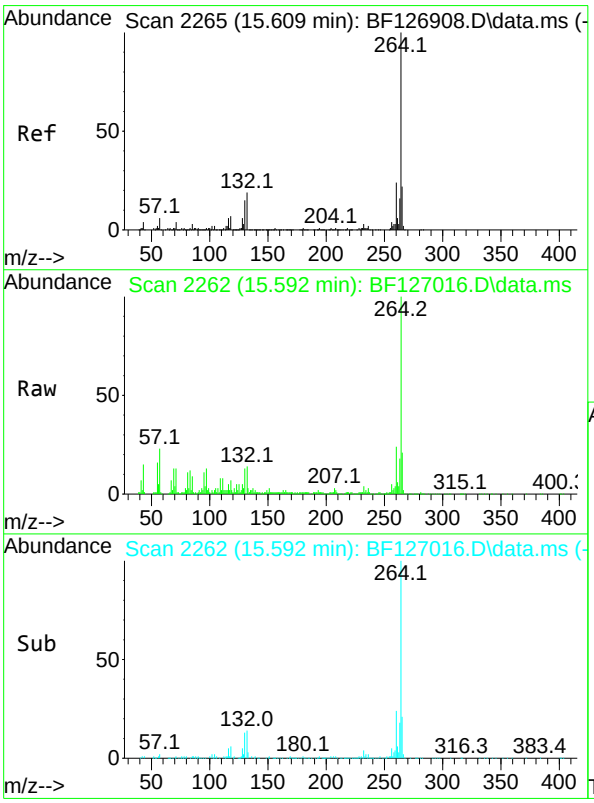
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.587 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Instrument :
BNA_F
ClientSampleId :
CC-A8

Tgt Ion:149 Resp: 14580

Ion	Ratio	Lower	Upper
149	100		
167	32.1	21.4	32.2
279	4.2	2.4	3.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF127016.D
Acq: 22 Feb 2022 18:50

Tgt Ion:264 Resp: 113132

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.4	26.2