Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131749.D
Acq On : 21 Dec 2022 17:13
Operator : CG\JU
Sample : PB149706BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 22 05:46:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84233	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	309208	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	190456	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	374177	20.000	ng	0.00
76) Chrysene-d12	14.057	240	303363	20.000	ng	0.00
86) Perylene-d12	15.557	264	217668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	673990	134.736	ng	0.01
7) Phenol-d6	6.498	99	870579	129.301	ng	0.00
23) Nitrobenzene-d5	7.434	82	610281	80.124	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	266749	127.961	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1089370	80.124	ng	0.00
79) Terphenyl-d14	13.004	244	1497418	76.930	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	1718	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	85717	17.652	ng	# 77
25) Isophorone	7.434	82	607941	46.999	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	24308	7.888	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	24308	5.870	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	18212	4.121	ng	# 1
77) Benzidine	13.004	184	22459	4.037	ng	# 91

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

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Misc :
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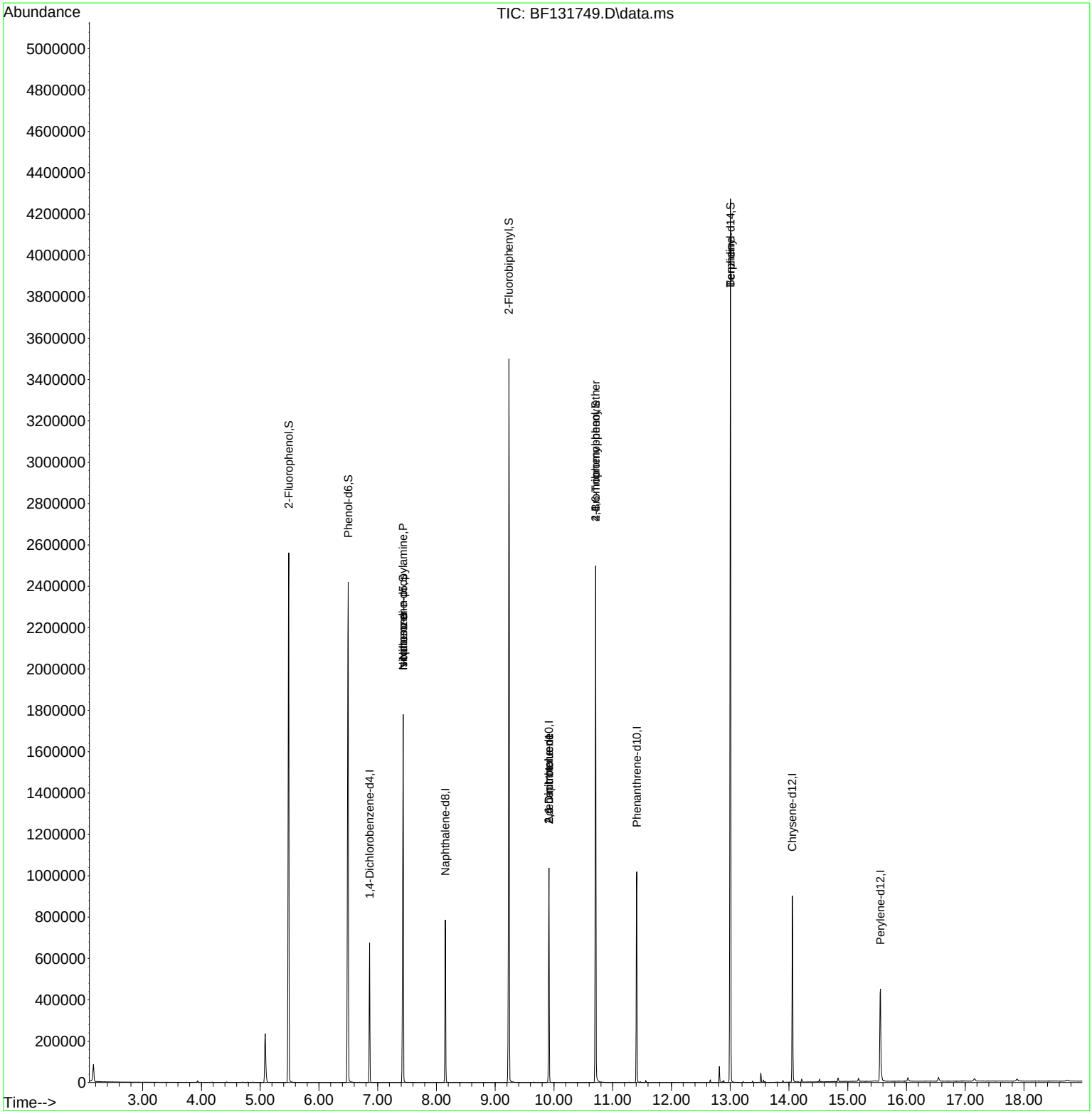
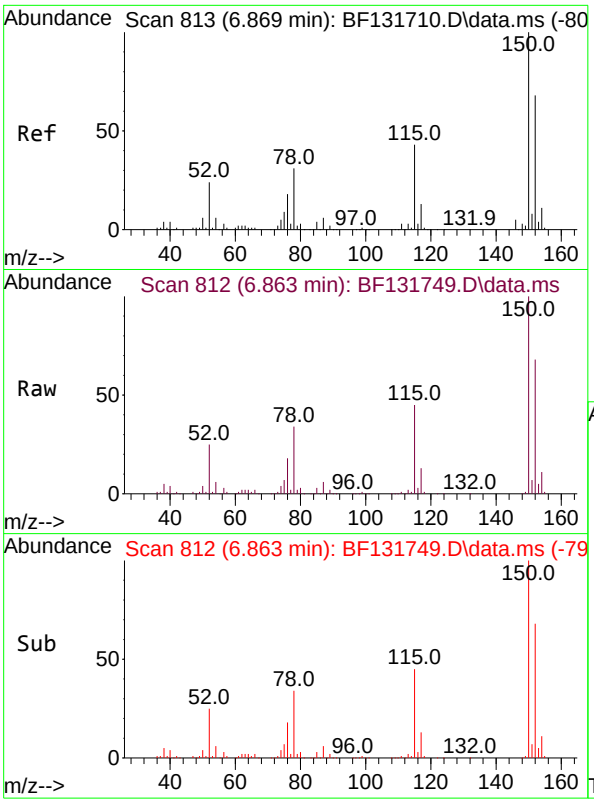


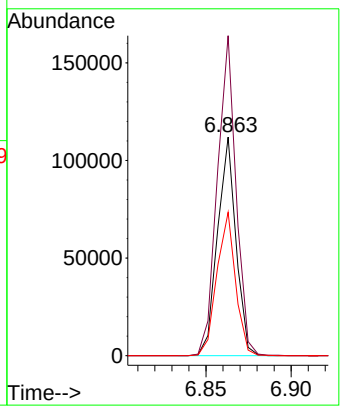


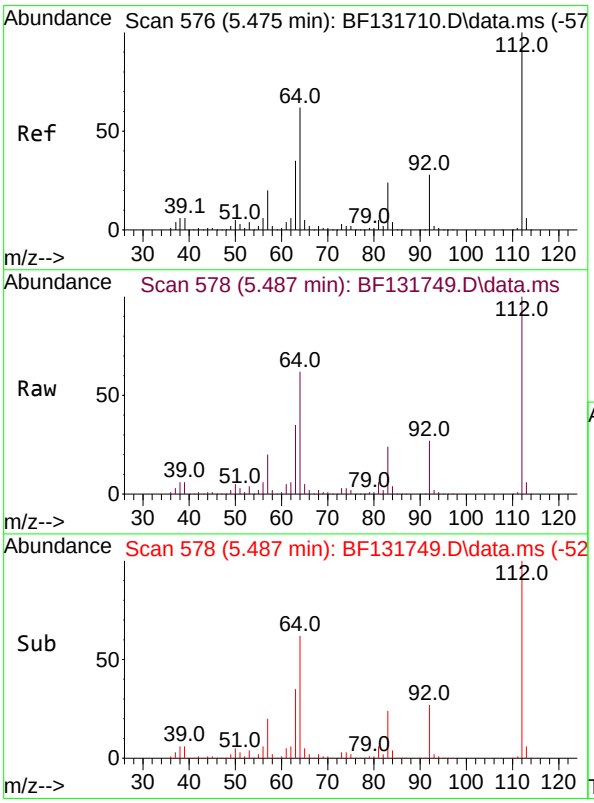
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84233

Ion	Ratio	Lower	Upper
152	100		
150	146.4	117.4	176.0
115	65.6	50.2	75.4

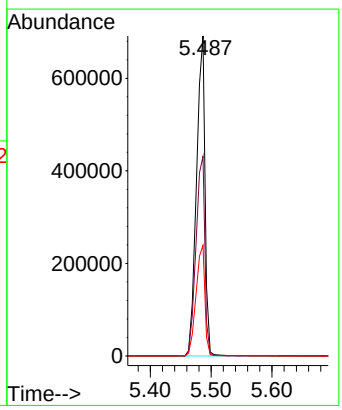


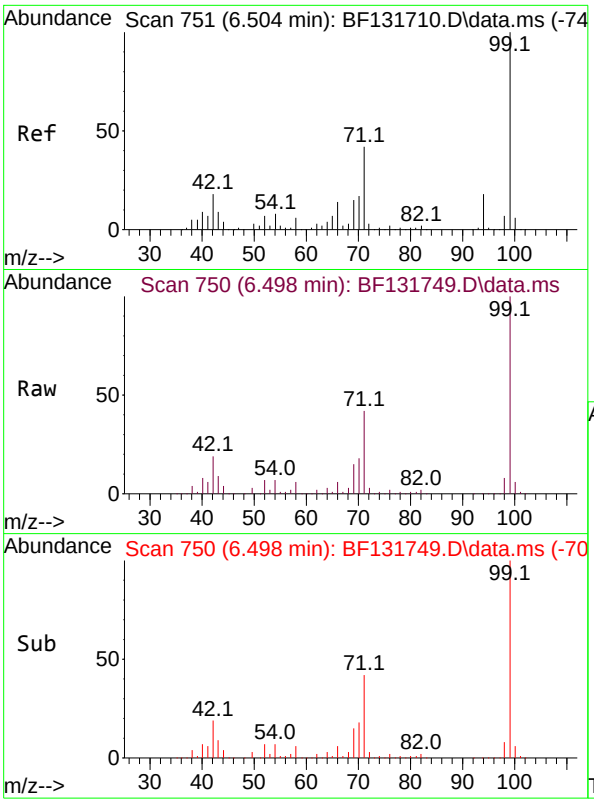


#5
2-Fluorophenol
Concen: 134.736 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:112 Resp: 673990

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.5	74.3
63	34.6	28.2	42.2



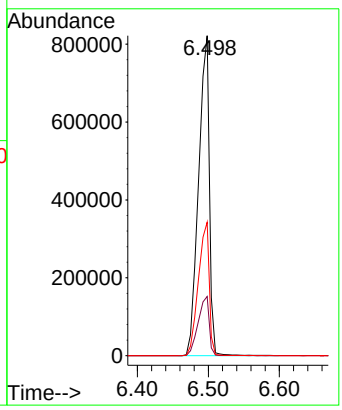


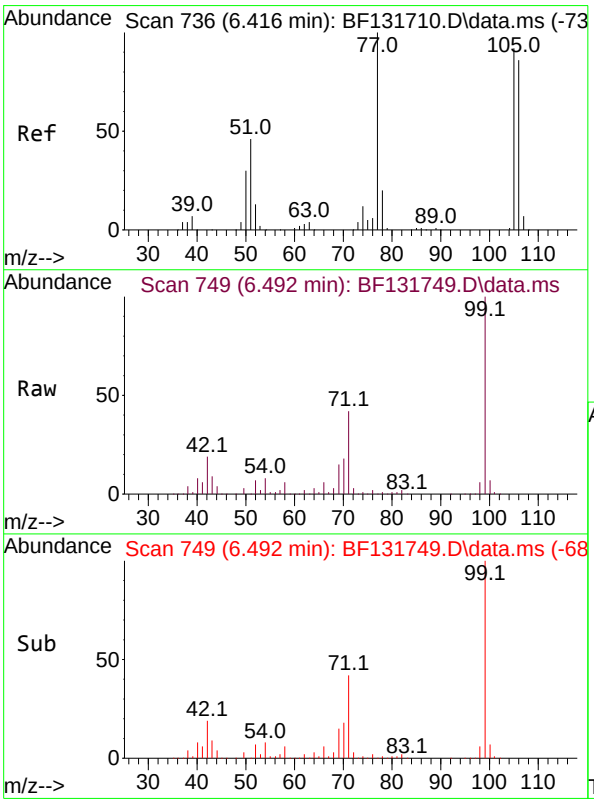
#7
Phenol-d6
Concen: 129.301 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 870579

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.8	22.2
71	41.7	33.8	50.6

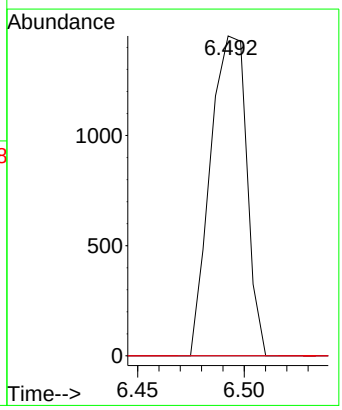


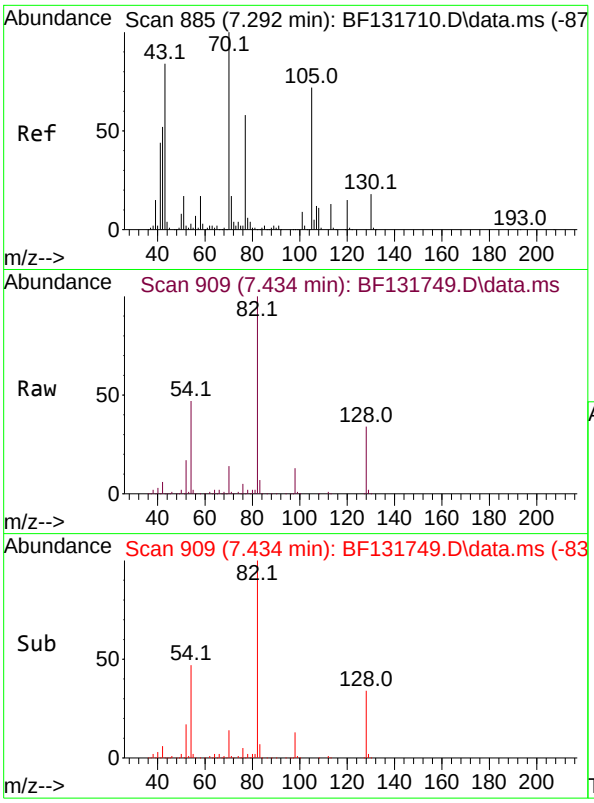


#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 749
Delta R.T. 0.076 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion: 77 Resp: 1718

Ion	Ratio	Lower	Upper
77	100		
105	0.0	72.4	112.4#
106	0.0	66.5	106.5#



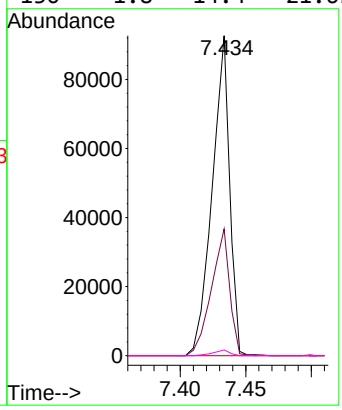


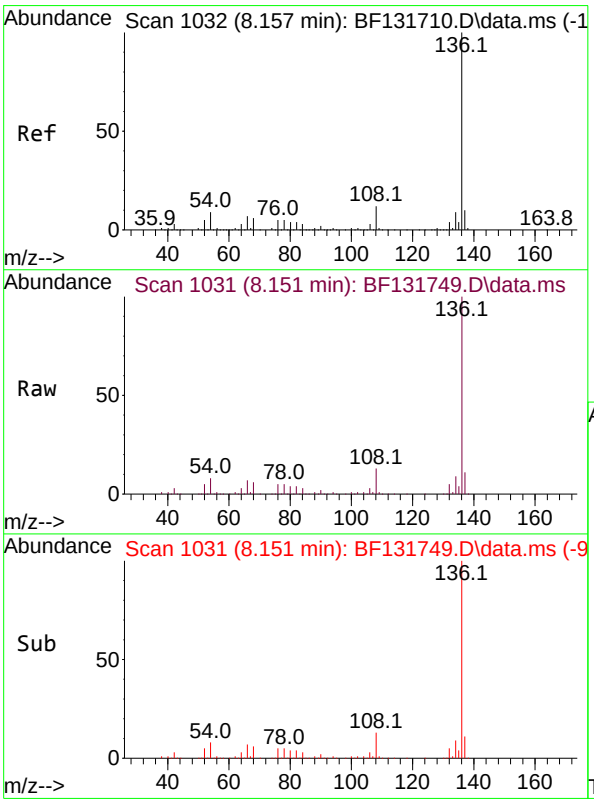
#19
n-Nitroso-di-n-propylamine
Concen: 17.652 ng
RT: 7.434 min Scan# 9
Delta R.T. 0.141 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 85717

Ion	Ratio	Lower	Upper
70	100		
42	39.6	41.5	62.3#
101	0.0	7.3	10.9#
130	1.8	14.4	21.6#

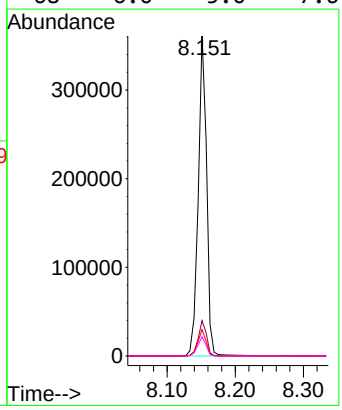


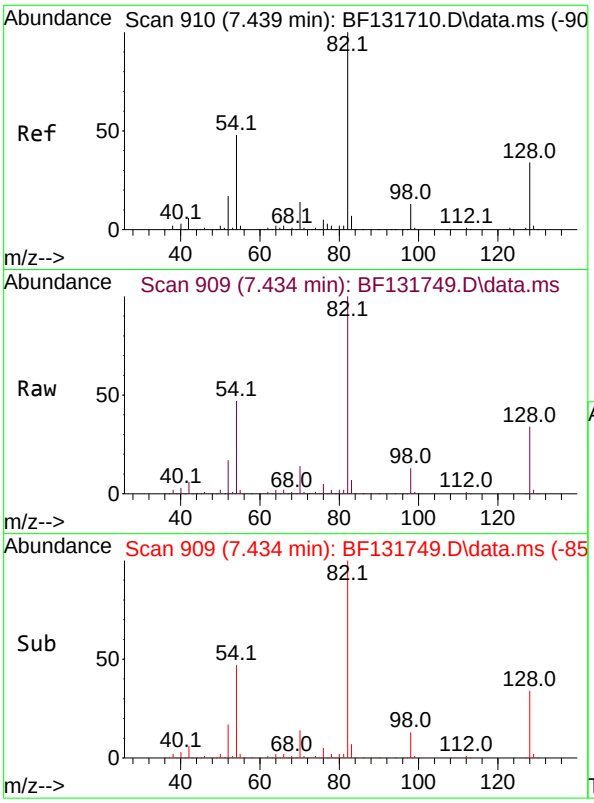


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:136 Resp: 309208

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.2	7.2	10.8
68	6.0	5.0	7.6



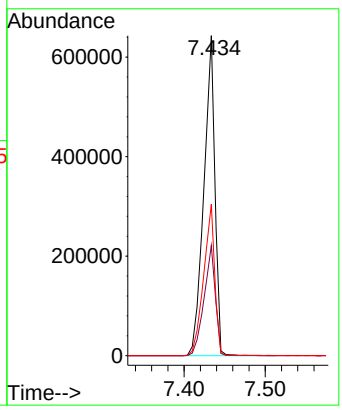


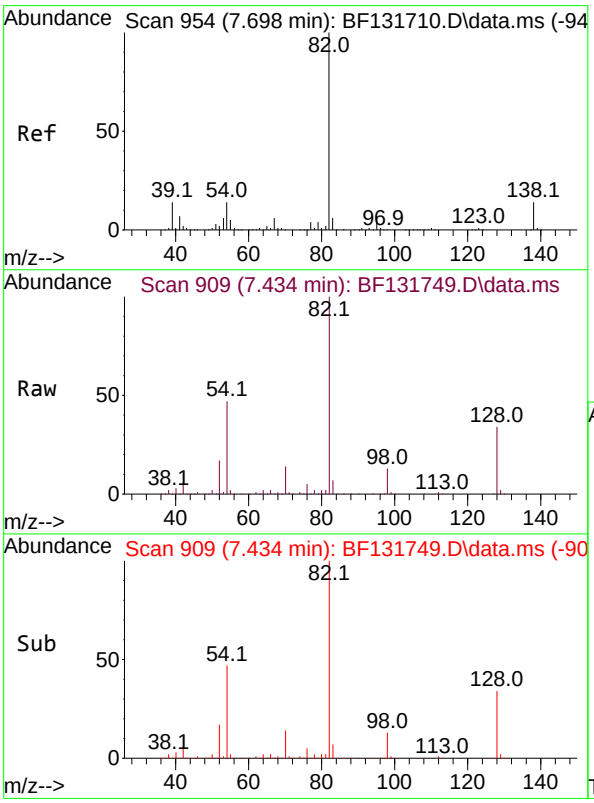
#23
Nitrobenzene-d5
Concen: 80.124 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 610281

Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.3	40.9
54	47.3	38.2	57.2

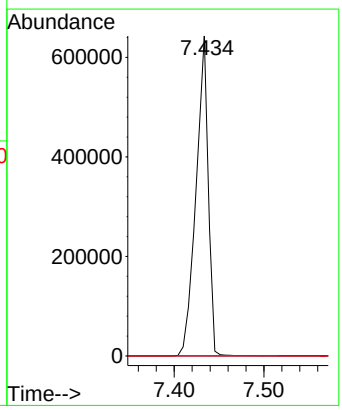


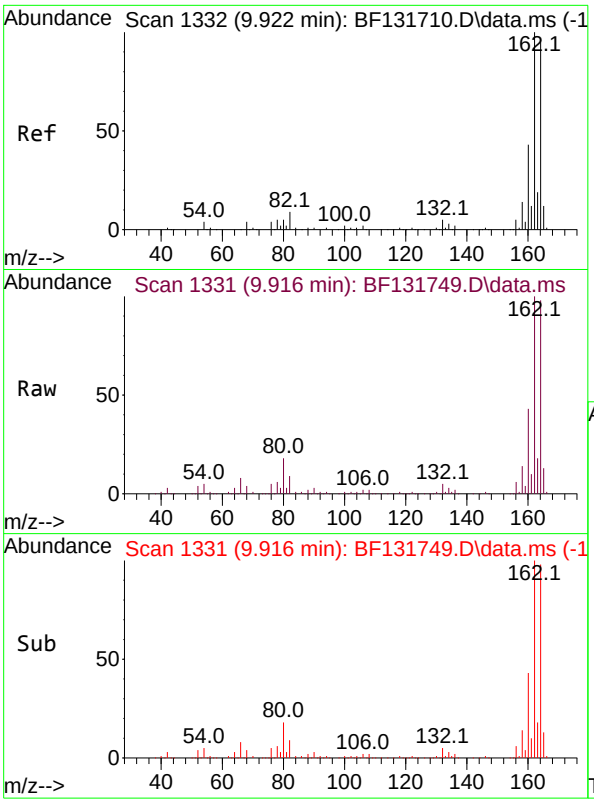


#25
Isophorone
Concen: 46.999 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion: 82 Resp: 607941

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.6	17.4#



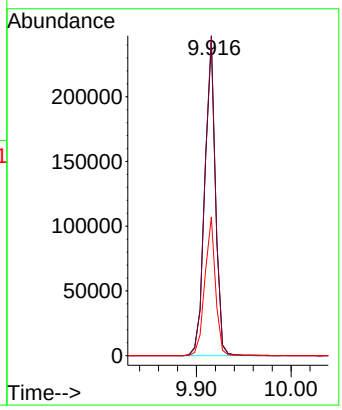


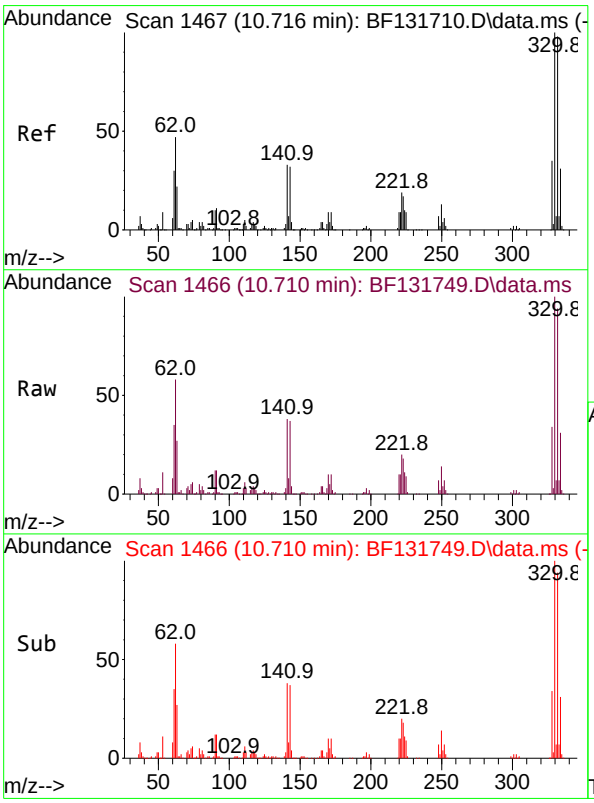
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 190456

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.7	125.5
160	44.2	36.2	54.4

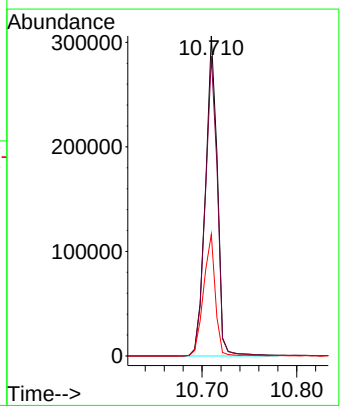


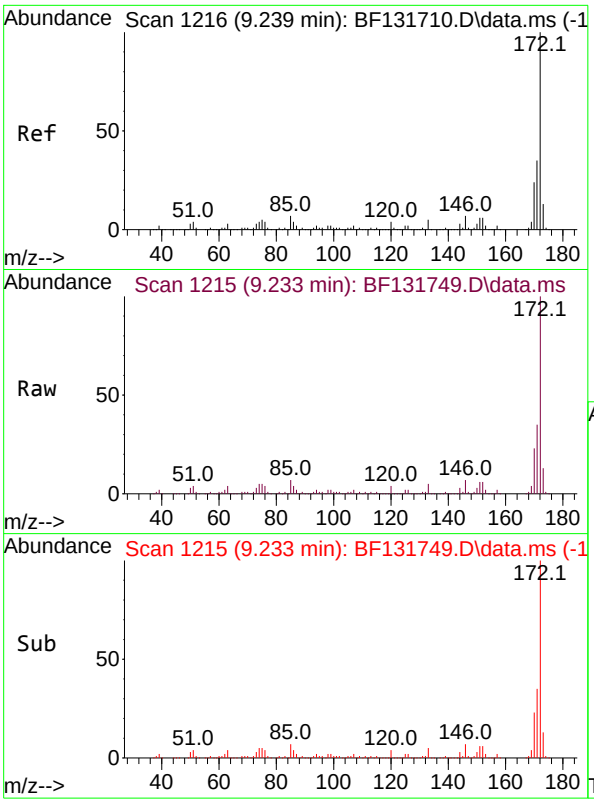


#42
2,4,6-Tribromophenol
Concen: 127.961 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:330 Resp: 266749

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.1	115.7
141	37.6	30.4	45.6



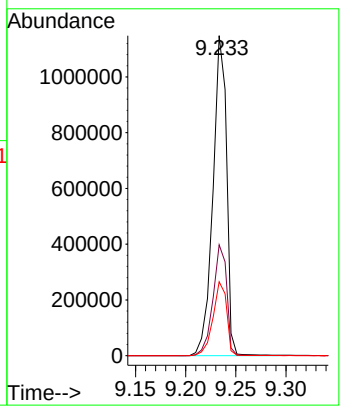


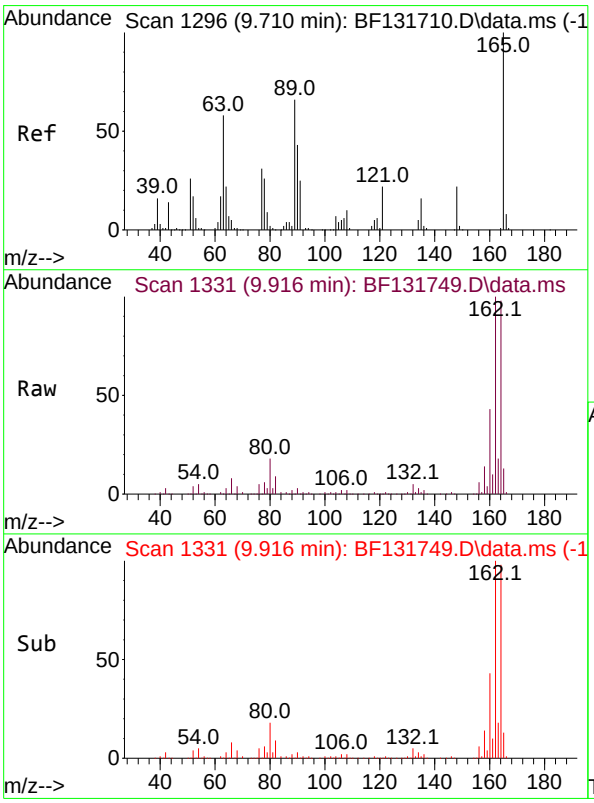
#45
2-Fluorobiphenyl
Concen: 80.124 ng
RT: 9.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1089370

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.1	19.0	28.4

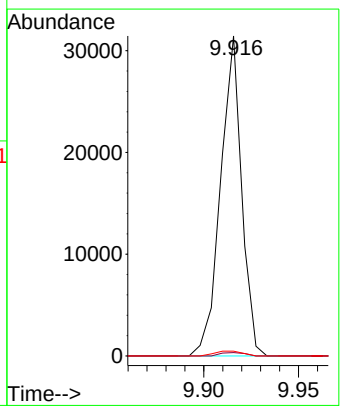


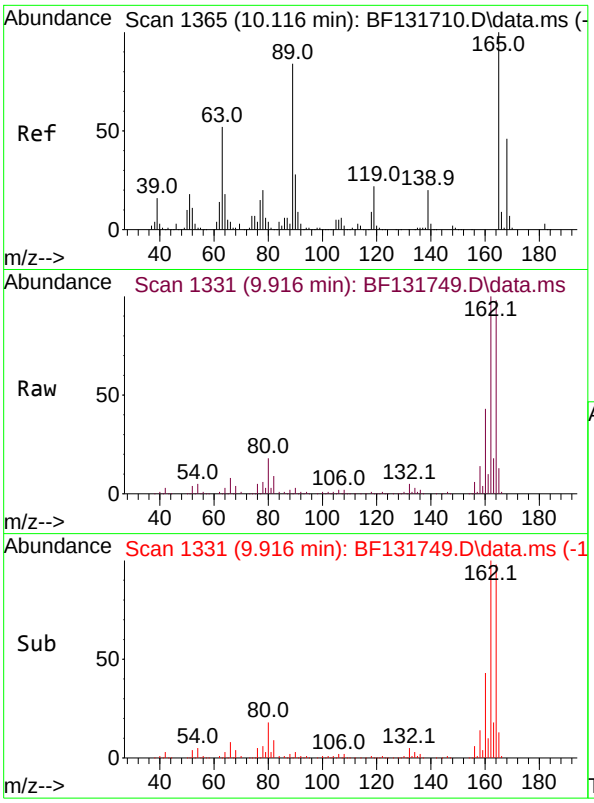


#51
2,6-Dinitrotoluene
Concen: 7.888 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:165 Resp: 24308

Ion	Ratio	Lower	Upper
165	100		
63	1.0	51.8	77.8#
89	1.5	53.2	79.8#



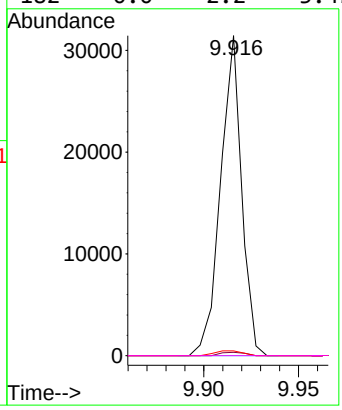


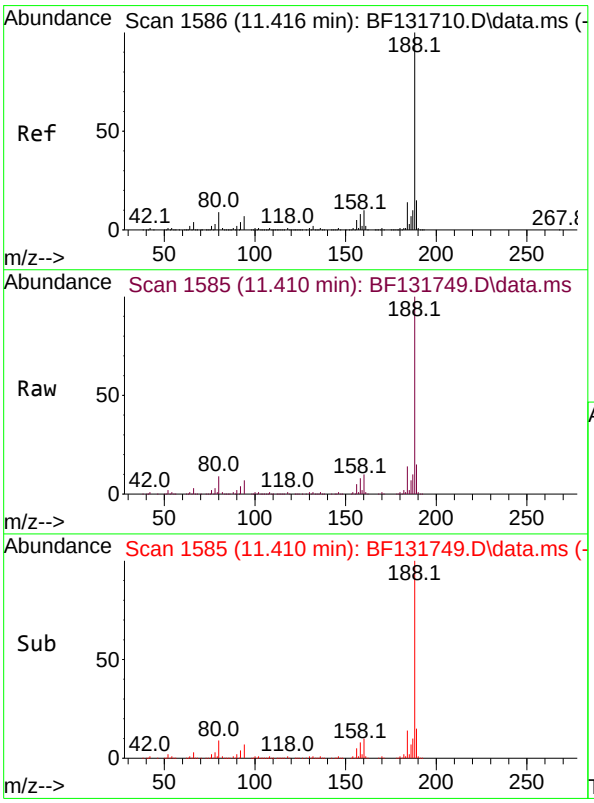
#57
2,4-Dinitrotoluene
Concen: 5.870 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24308

Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.5	62.3#
89	1.5	67.0	100.4#
182	0.0	2.2	3.4#

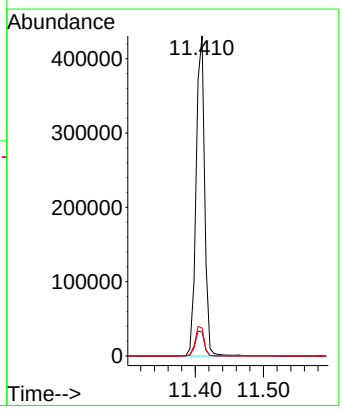


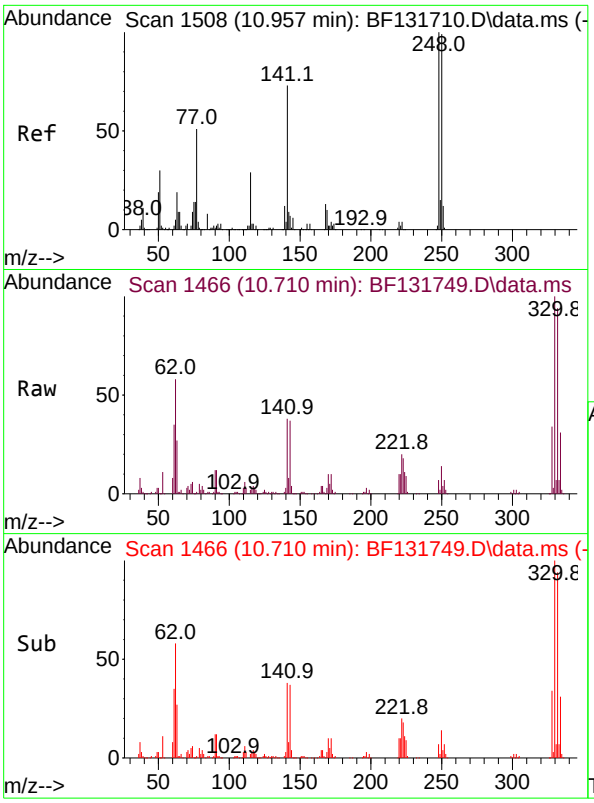


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:188 Resp: 374177

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.9	8.9
80	8.8	7.0	10.6



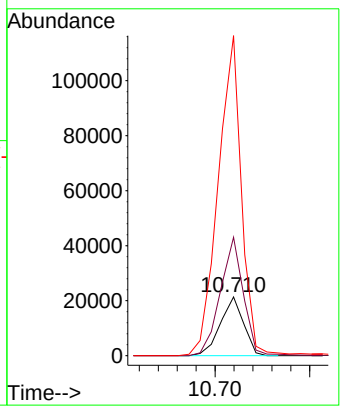


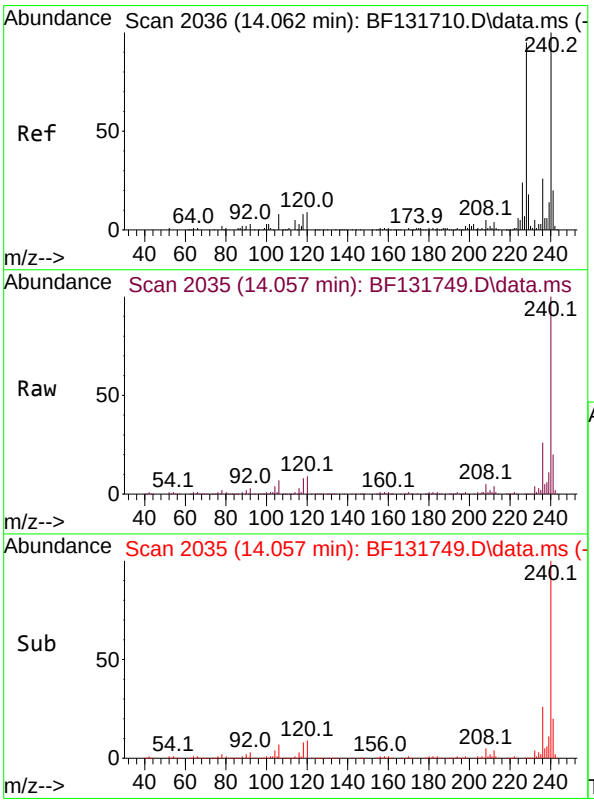
#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 18212

Ion	Ratio	Lower	Upper
248	100		
250	201.3	79.4	119.0#
141	544.3	58.1	87.1#

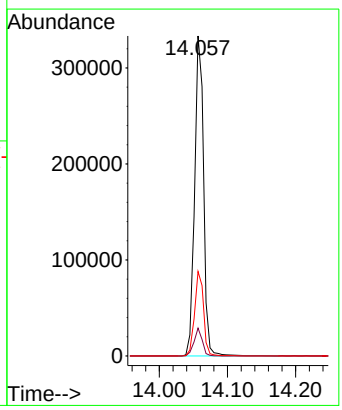


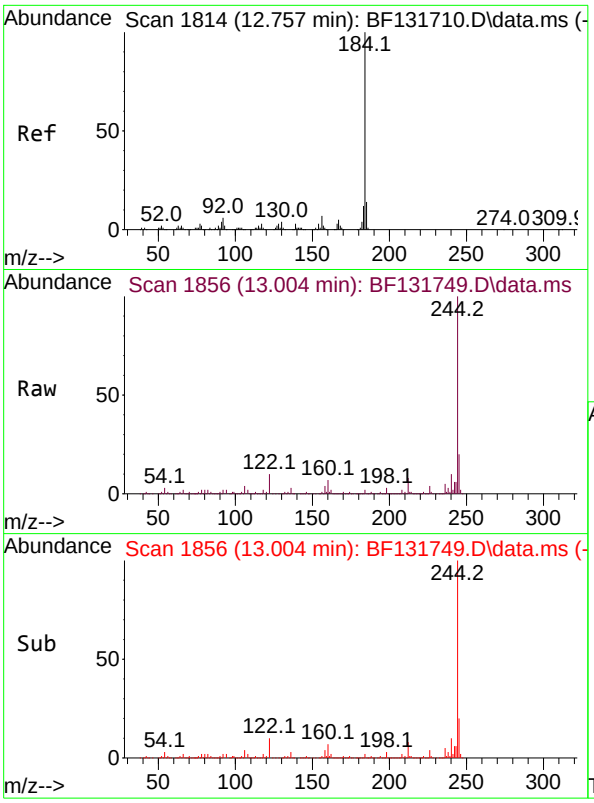


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:240 Resp: 303363

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.6	11.4
236	26.4	21.2	31.8



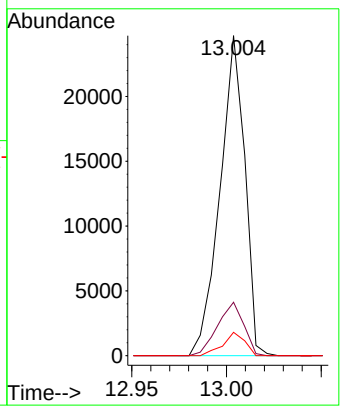


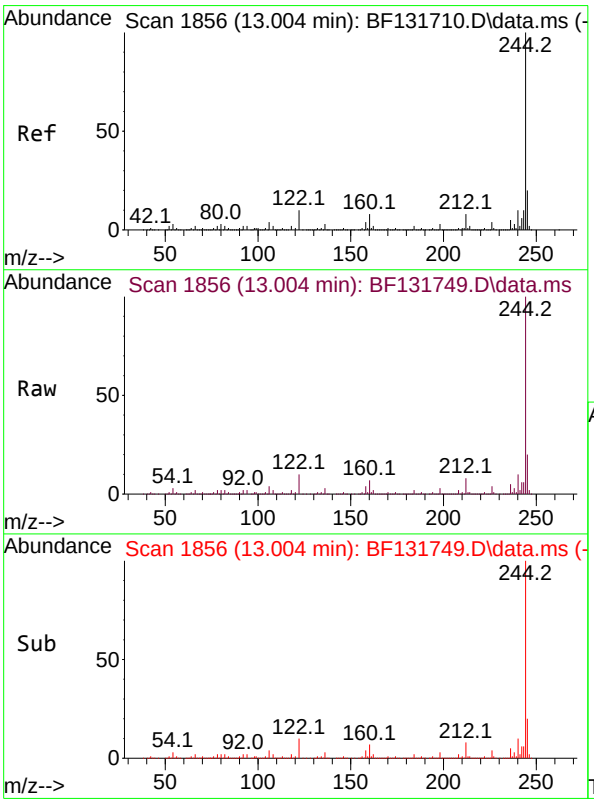
#77
Benzidine
Concen: 4.037 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.247 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 22459

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.3	16.9
183	7.3	9.3	13.9#

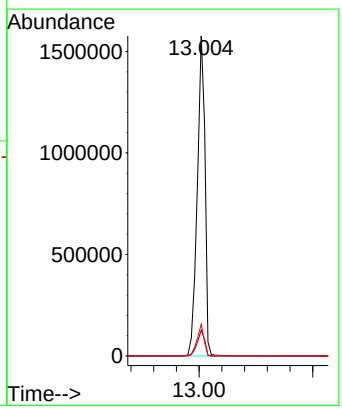


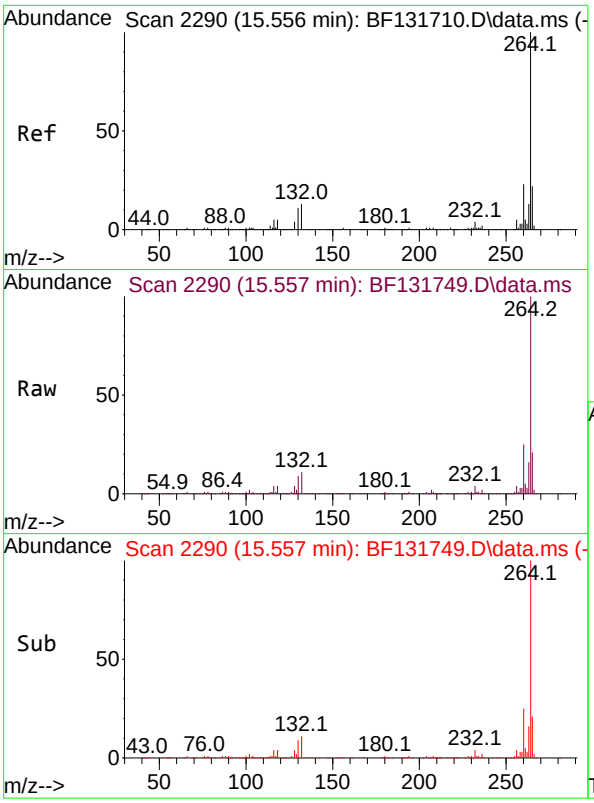


#79
Terphenyl-d14
Concen: 76.930 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Tgt Ion:244 Resp: 1497418

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	9.9	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF131749.D
Acq: 21 Dec 2022 17:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 217668

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.6	28.0
265	21.1	17.4	26.2