Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132651.D
Acq On : 06 Mar 2023 16:28
Operator : CG\JU
Sample : 01767-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Quant Time: Mar 07 00:54:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	184298	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	670743	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	355468	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	633013	20.000	ng	0.00
76) Chrysene-d12	14.204	240	311230	20.000	ng	0.00
86) Perylene-d12	15.757	264	389431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1337076	117.746	ng	0.00
7) Phenol-d6	6.628	99	1615074	108.979	ng	0.00
23) Nitrobenzene-d5	7.563	82	1195993	84.597	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	477814	124.466	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1903703	81.546	ng	0.00
79) Terphenyl-d14	13.133	244	1839343	99.922	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	155132	17.009	ng	# 77
25) Isophorone	7.563	82	1194973	44.087	ng	# 67
31) Naphthalene	8.304	128	72285	2.105	ng	96
32) Benzoic acid	8.098	122	537	3.896	ng	89
51) 2,6-Dinitrotoluene	10.045	165	47684	8.090	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	47684	6.081	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	30899	4.315	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132651.D
Acq On : 06 Mar 2023 16:28
Operator : CG\JU
Sample : 01767-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 07 00:54:58 2023
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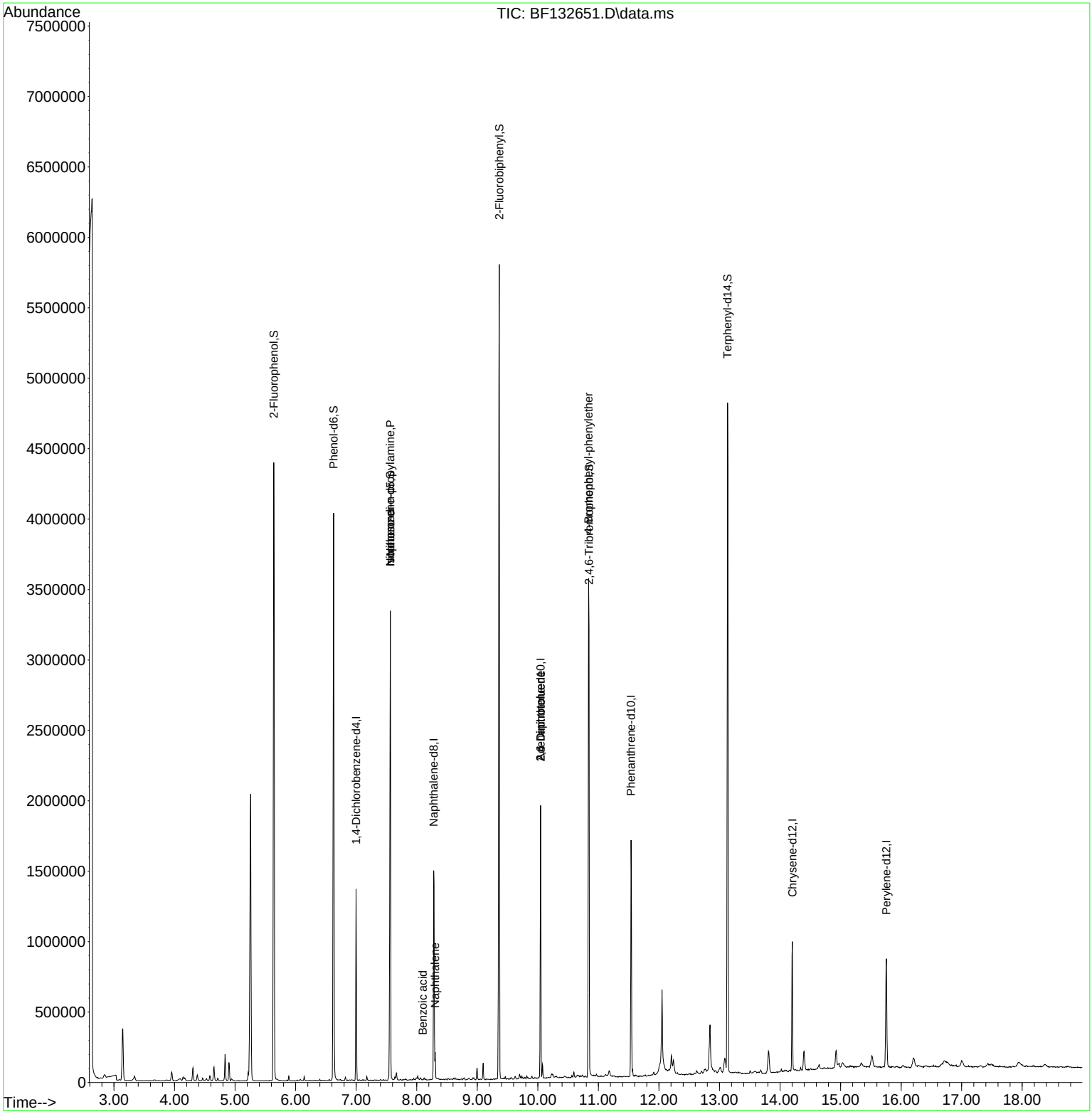
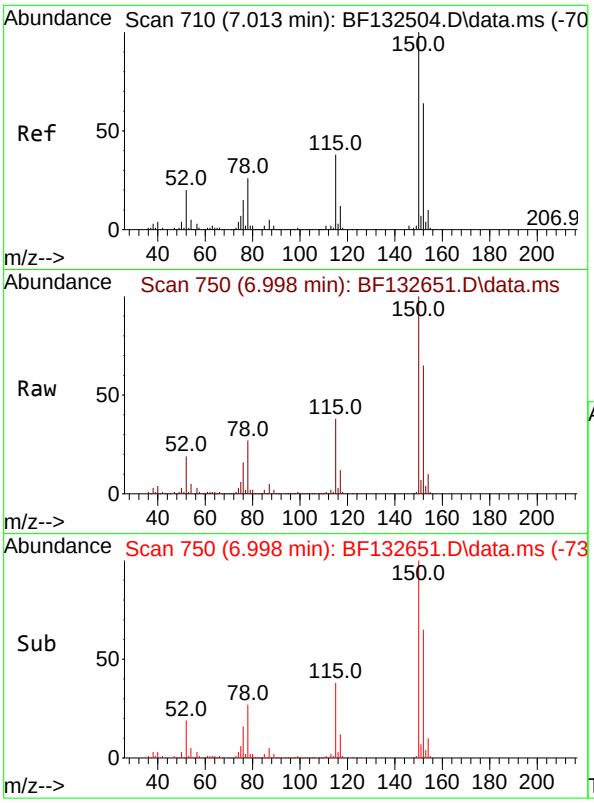


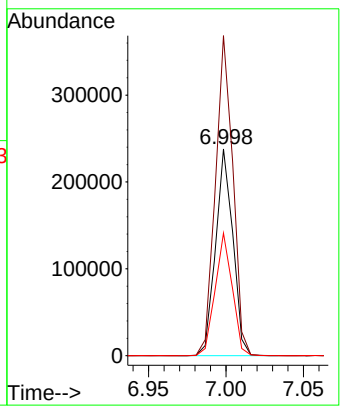


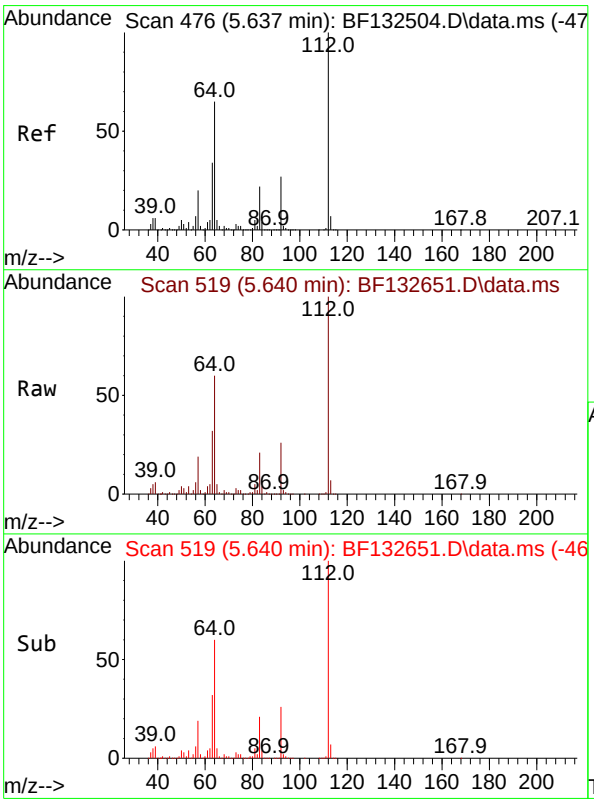
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 7
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion:152 Resp: 184298

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.4	188.2
115	59.3	47.8	71.6

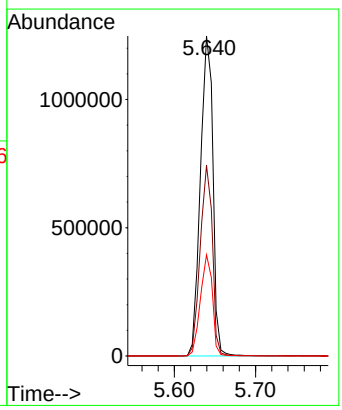


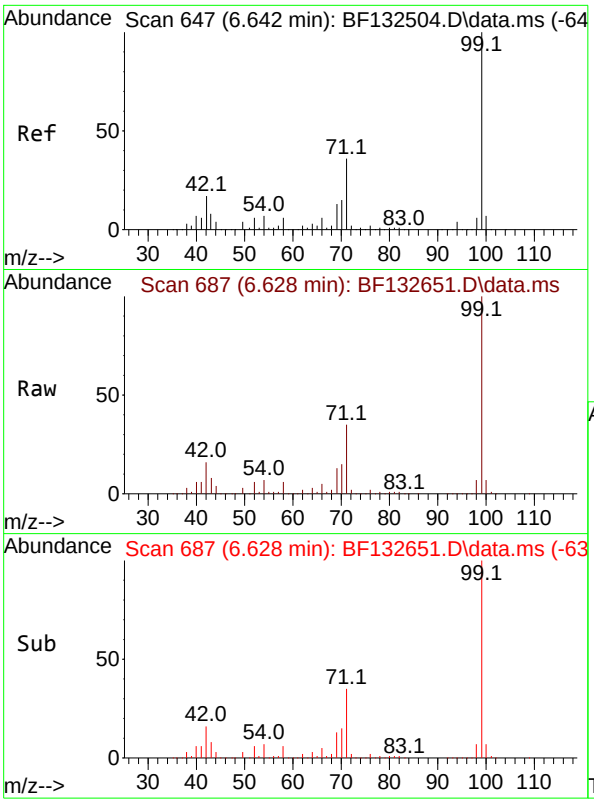


#5
2-Fluorophenol
Concen: 117.746 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:112 Resp: 1337076

Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.6	77.4
63	31.6	27.4	41.2



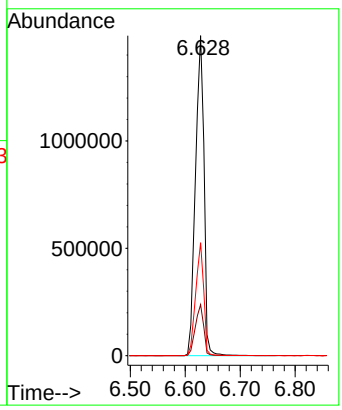


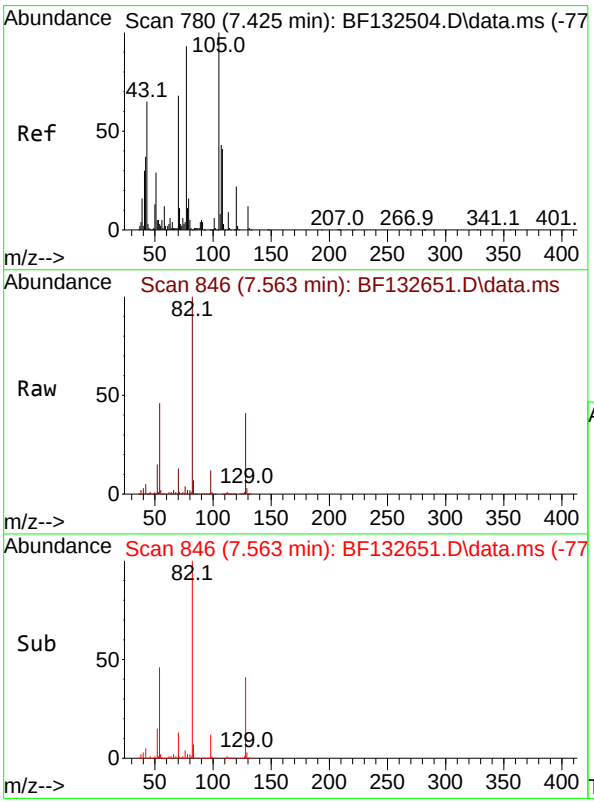
#7
Phenol-d6
Concen: 108.979 ng
RT: 6.628 min Scan# 6
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion: 99 Resp: 1615074

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.9	20.9
71	35.3	28.5	42.7

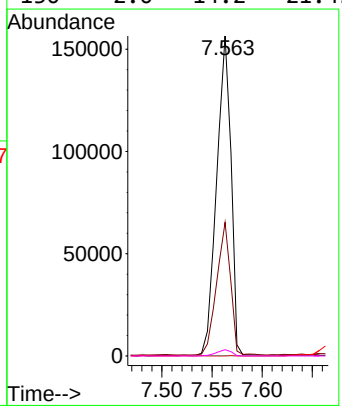


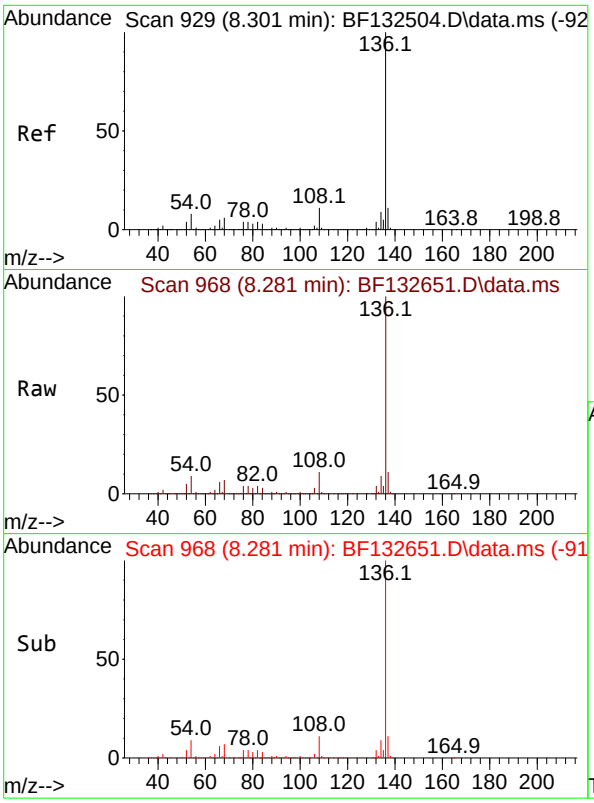


#19
n-Nitroso-di-n-propylamine
Concen: 17.009 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion: 70 Resp: 155132

Ion	Ratio	Lower	Upper
70	100		
42	41.8	44.1	66.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



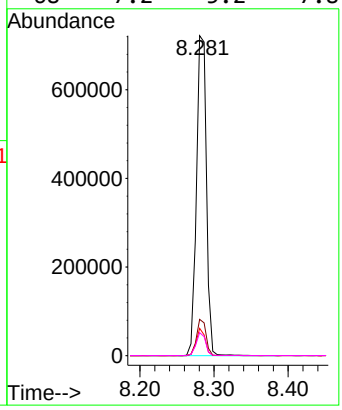


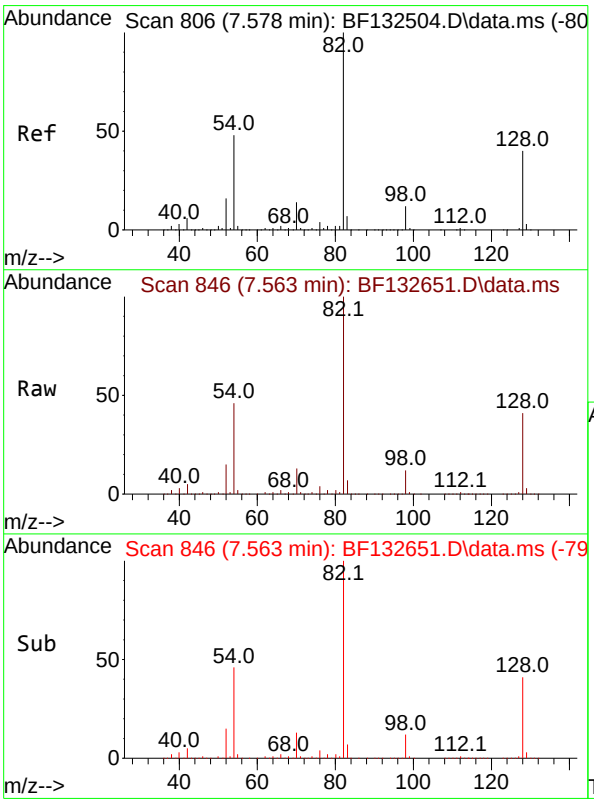
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 9
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion:136 Resp: 670743

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.5	6.2	9.4
68	7.2	5.2	7.8

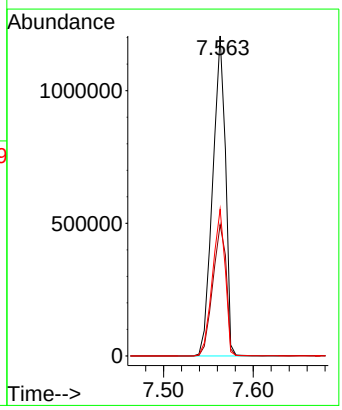


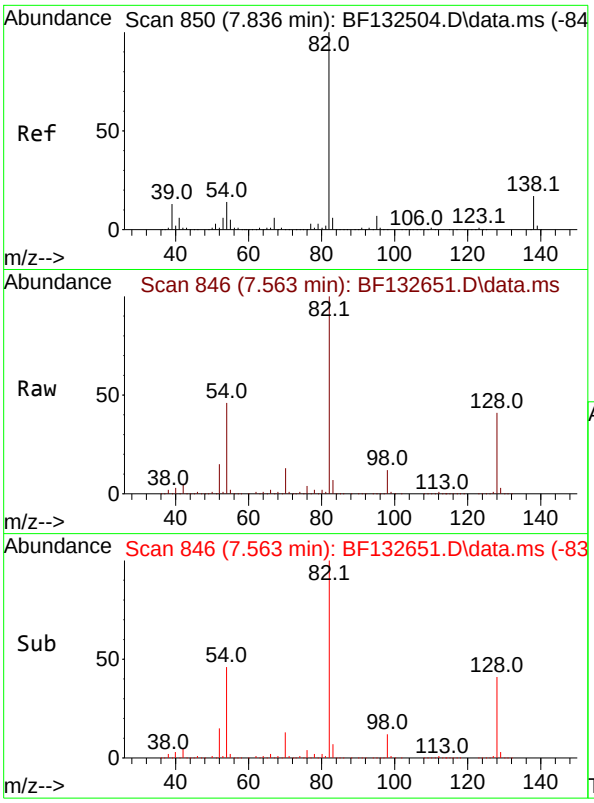


#23
Nitrobenzene-d5
Concen: 84.597 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion: 82 Resp: 1195993

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.2
54	45.8	38.4	57.6



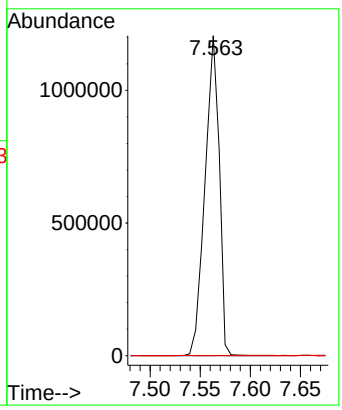


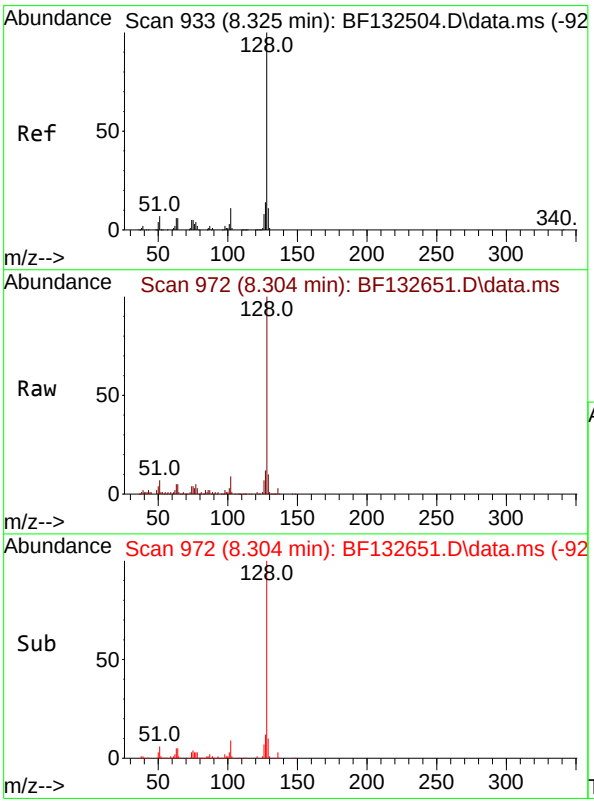
#25
Isophorone
Concen: 44.087 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion: 82 Resp: 1194973

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.3	19.9#

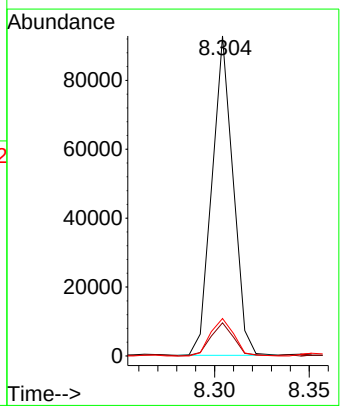


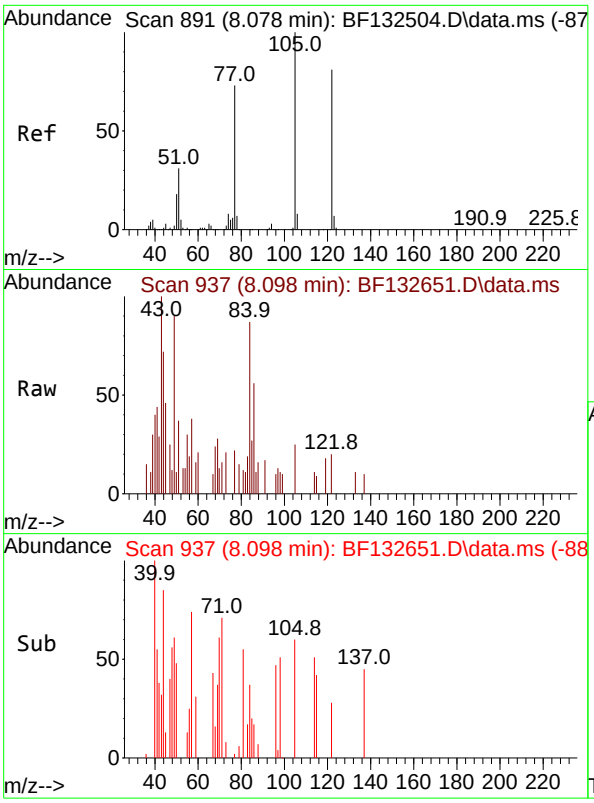


#31
Naphthalene
Concen: 2.105 ng
RT: 8.304 min Scan# 972
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:128 Resp: 72285

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.1	13.7
127	11.7	11.0	16.6



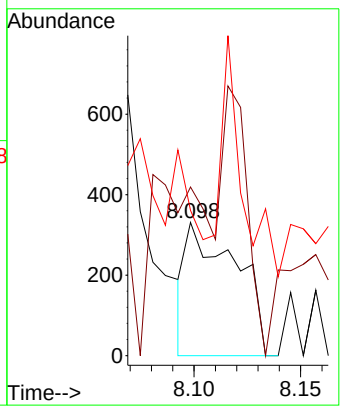


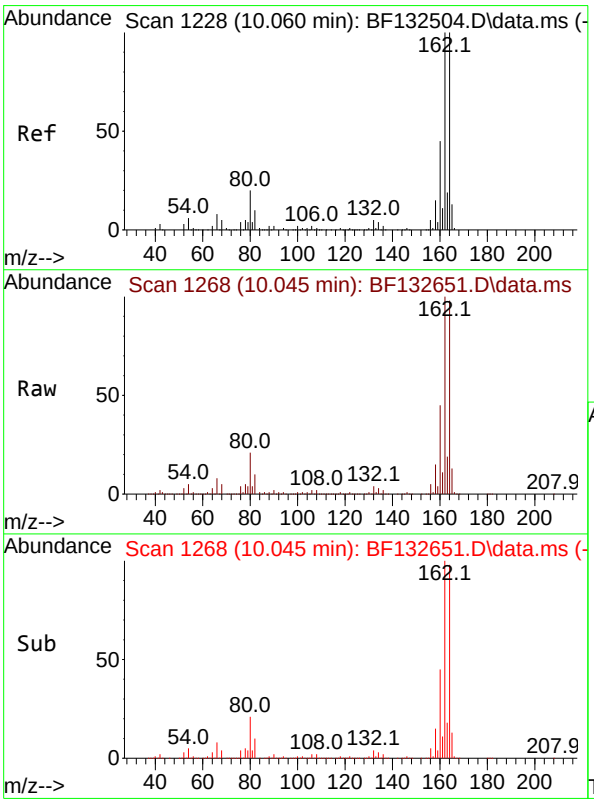
#32
Benzoic acid
Concen: 3.896 ng
RT: 8.098 min Scan# 9
Delta R.T. 0.032 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion:122 Resp: 537

Ion	Ratio	Lower	Upper
122	100		
105	126.6	102.6	142.6
77	109.1	70.2	110.2

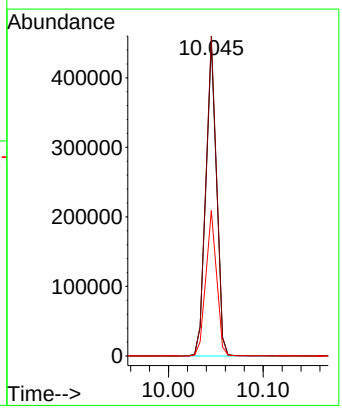


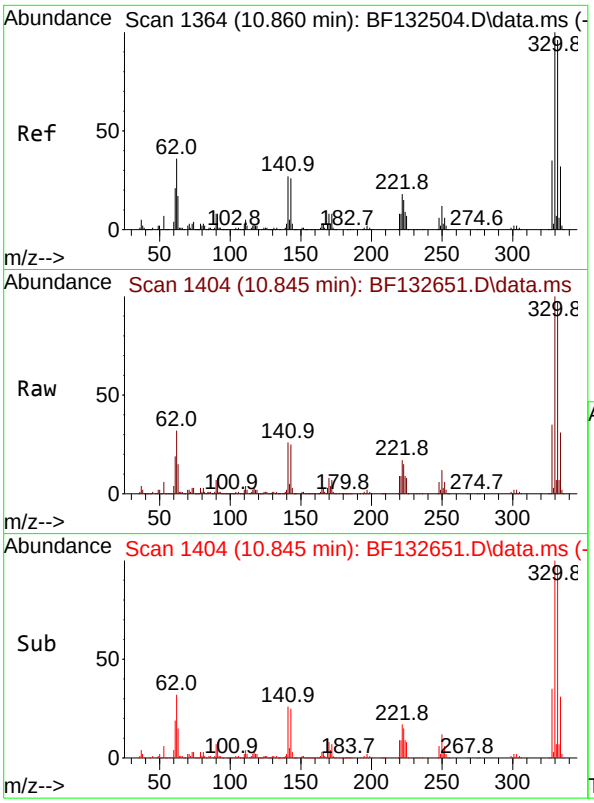


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:164 Resp: 355468

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.8	119.8
160	46.5	35.8	53.6



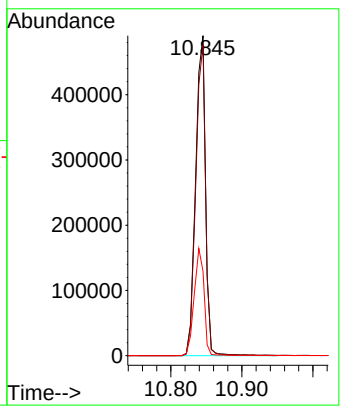


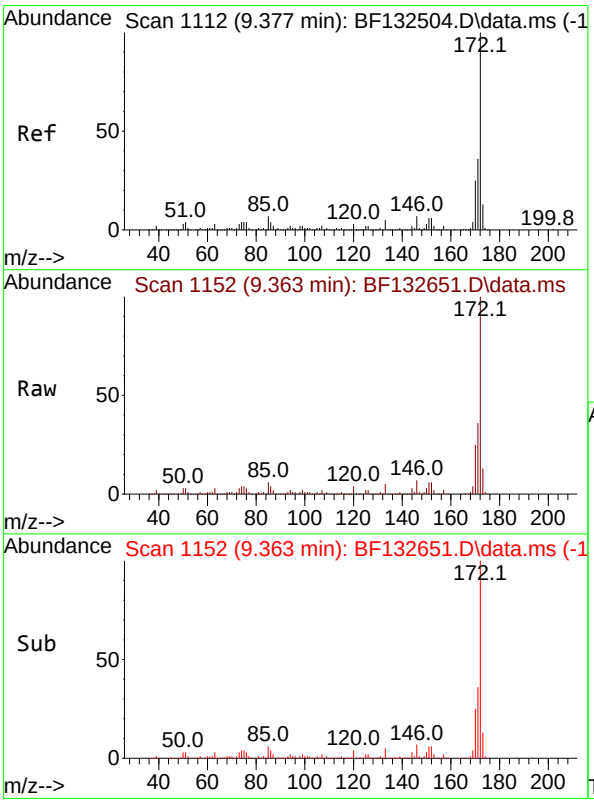
#42
2,4,6-Tribromophenol
Concen: 124.466 ng
RT: 10.845 min Scan# 14
Delta R.T. -0.003 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion:330 Resp: 477814

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	33.4	28.4	42.6

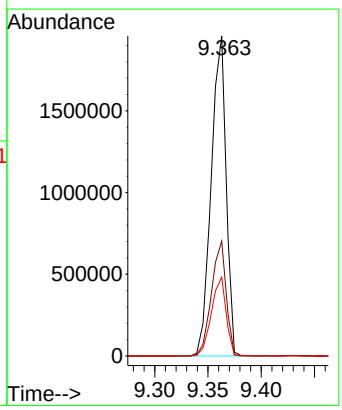


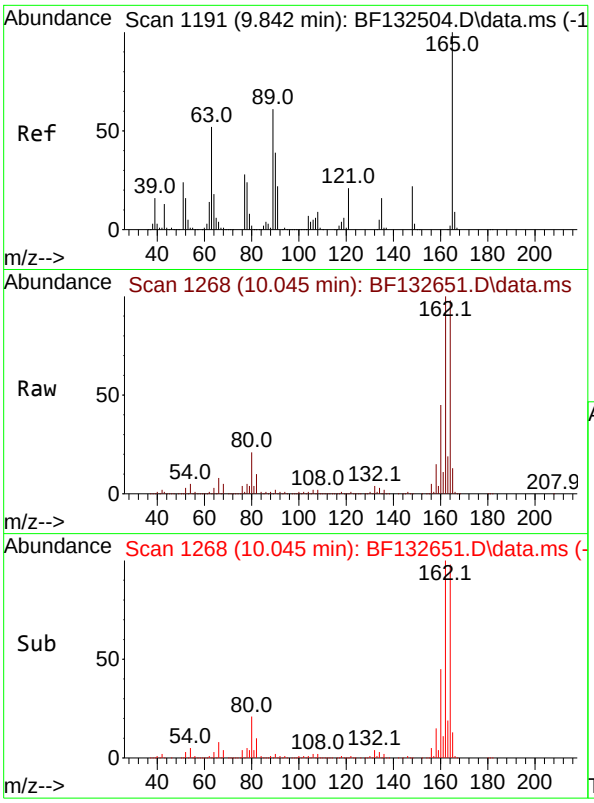


#45
2-Fluorobiphenyl
Concen: 81.546 ng
RT: 9.363 min Scan# 1152
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:172 Resp: 1903703

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	24.6	19.7	29.5



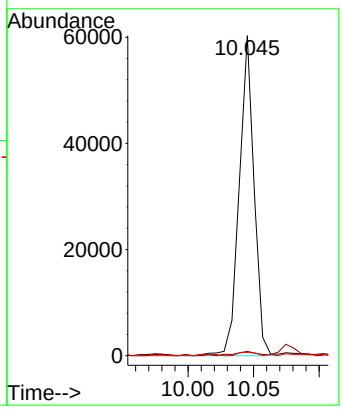


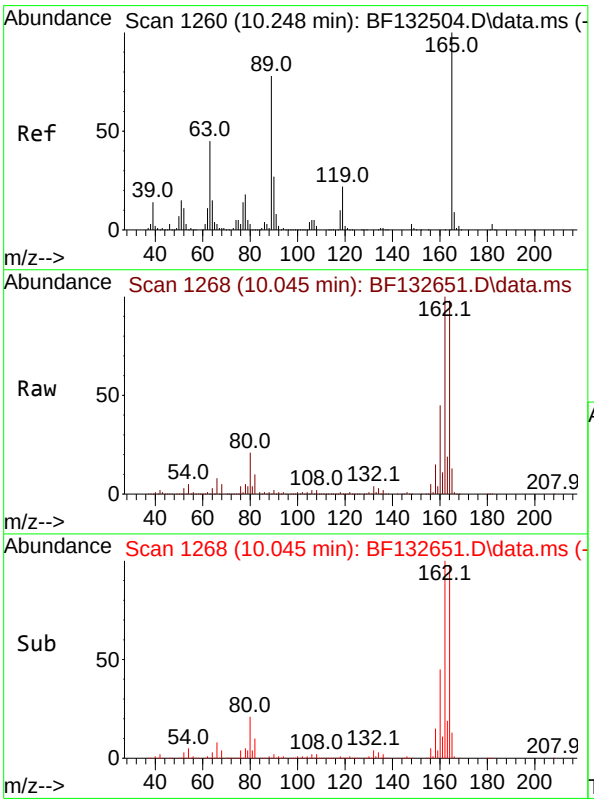
#51
2,6-Dinitrotoluene
Concen: 8.090 ng
RT: 10.045 min Scan# 1
Delta R.T. 0.209 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion:165 Resp: 47684

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.3	70.9#
89	1.0	48.9	73.3#

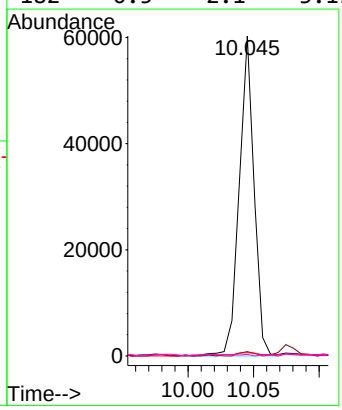


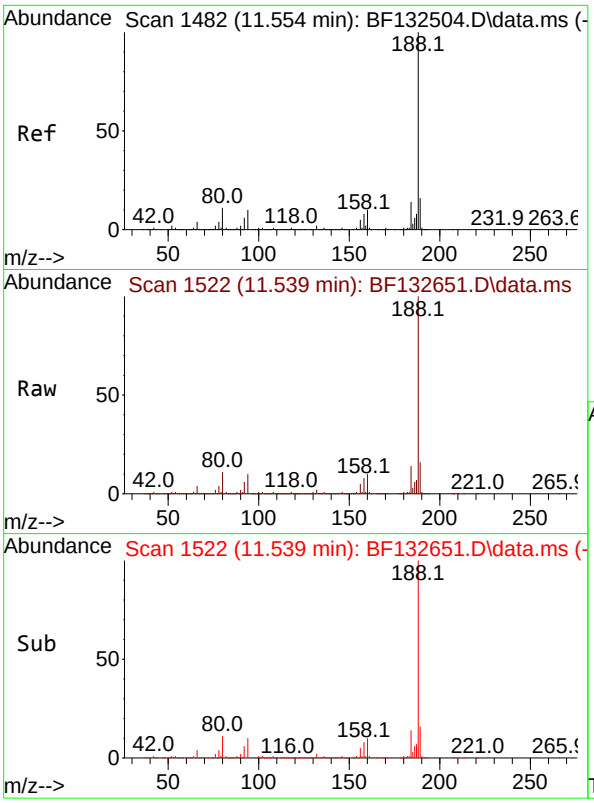


#57
2,4-Dinitrotoluene
Concen: 6.081 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.197 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:165 Resp: 47684

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.5	54.7#
89	1.0	62.4	93.6#
182	0.5	2.1	3.1#



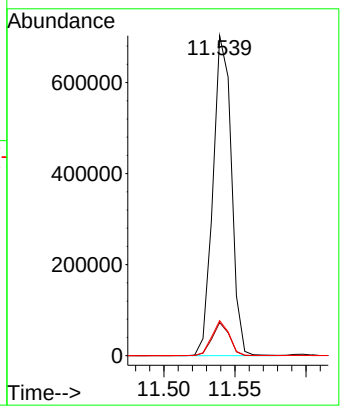


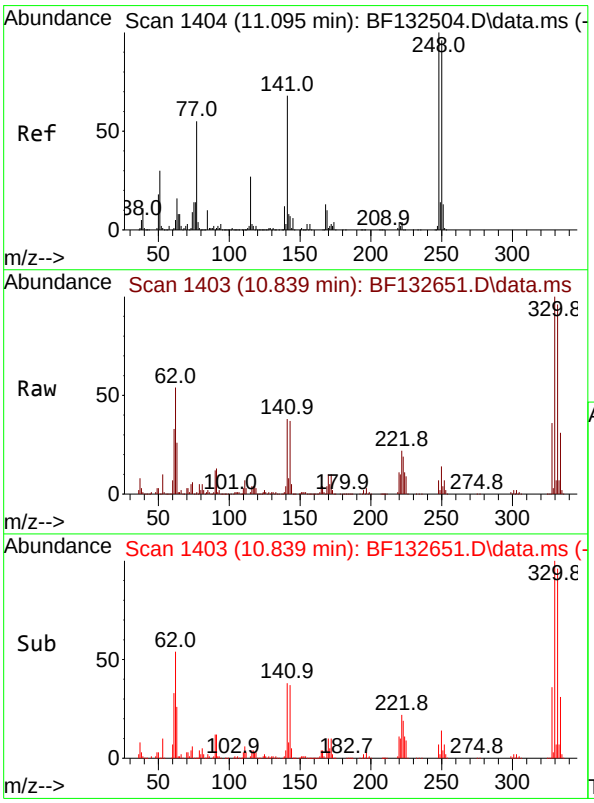
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion:188 Resp: 633013

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.3	12.5
80	11.0	8.7	13.1

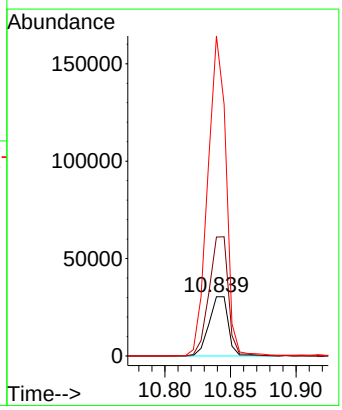


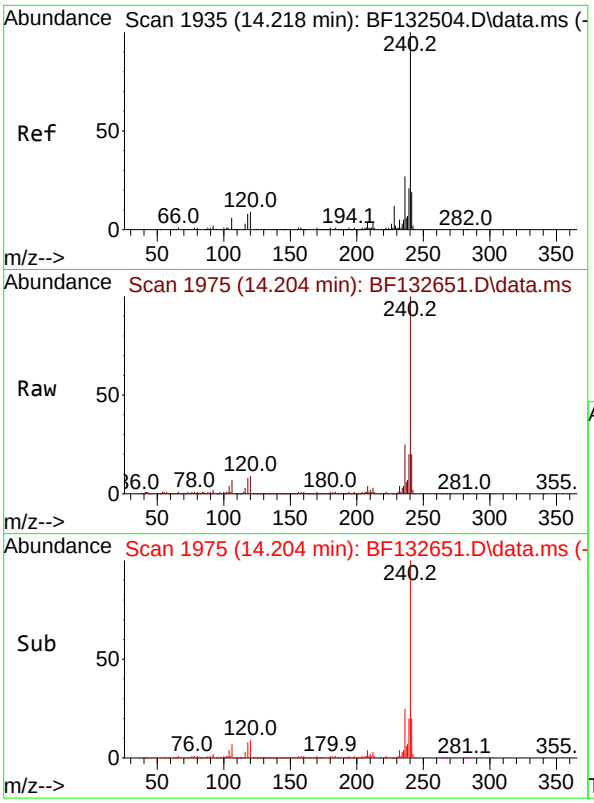


#67
4-Bromophenyl-phenylether
Concen: 4.315 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:248 Resp: 30899

Ion	Ratio	Lower	Upper
248	100		
250	200.8	77.0	115.4#
141	540.7	54.2	81.2#



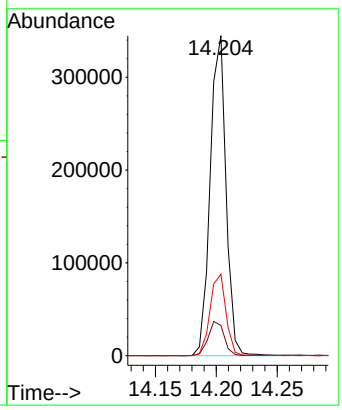


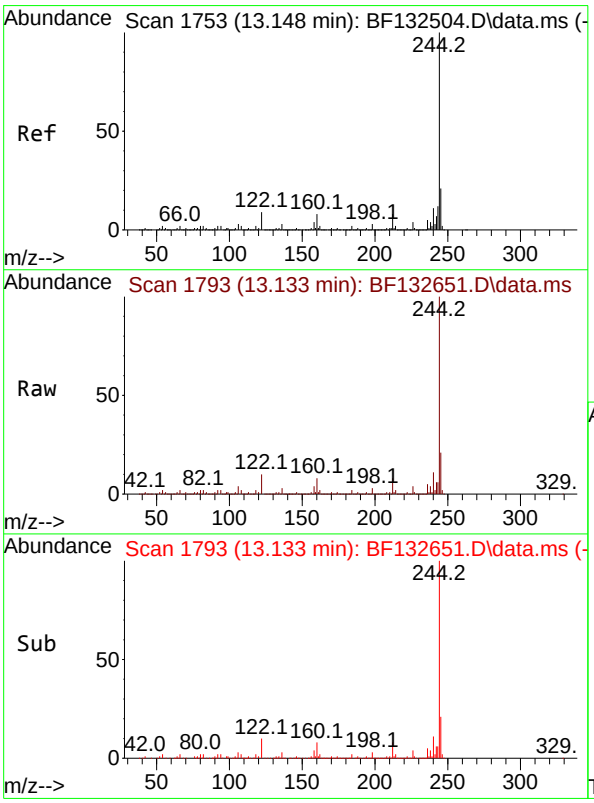
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1
Delta R.T. -0.003 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion:240 Resp: 311230

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.2	10.8
236	25.5	21.8	32.6

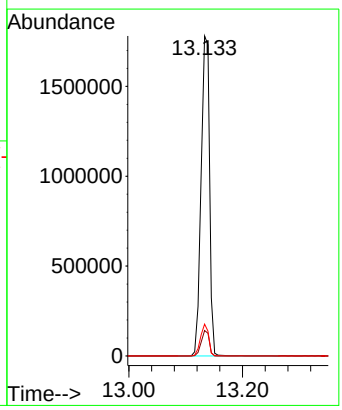


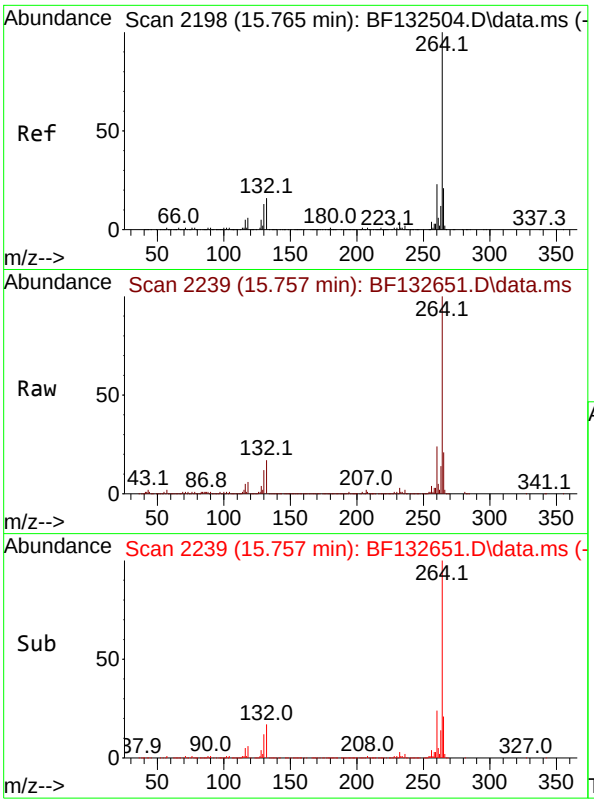


#79
Terphenyl-d14
Concen: 99.922 ng
RT: 13.133 min Scan# 1793
Delta R.T. -0.009 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Tgt Ion:244 Resp: 1839343

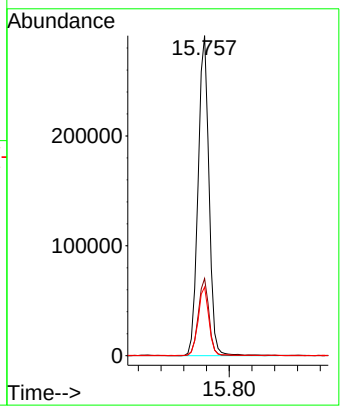
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.9	7.5	11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 2
Delta R.T. 0.003 min
Lab File: BF132651.D
Acq: 06 Mar 2023 16:28

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

Tgt Ion:264 Resp: 389431

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.4	17.1	25.7