Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012324\
Data File : BF137138.D
Acq On : 23 Jan 2024 16:52
Operator : CG\JU
Sample : PB158491BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Quant Time: Jan 24 04:24:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 03:53:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	255904	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	1048667	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	530568	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	992488	20.000	ng	0.00
76) Chrysene-d12	13.992	240	725154	20.000	ng	0.00
86) Perylene-d12	15.480	264	644853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	2215475	134.688	ng	0.02
7) Phenol-d6	6.451	99	2782533	135.582	ng	0.00
23) Nitrobenzene-d5	7.381	82	1884341	109.221	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	766461	165.681	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	3047002	87.707	ng	0.00
79) Terphenyl-d14	12.951	244	3787939	74.695	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	263199	20.007	ng	# 76
25) Isophorone	7.381	82	1882571	51.406	ng	# 67
32) Benzoic acid	7.757	122	447	8.857	ng	# 79
48) 2-Nitroaniline	9.169	65	5984	4.450	ng	# 1
50) Dimethylphthalate	9.845	163	110794	2.999	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	68544	12.324	ng	# 17
57) 2,4-Dinitrotoluene	9.845	165	68544	11.185	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.639	198	1821	9.417	ng	# 1
67) 4-Bromophenyl-phenylether	10.639	248	49084	4.776	ng	# 1

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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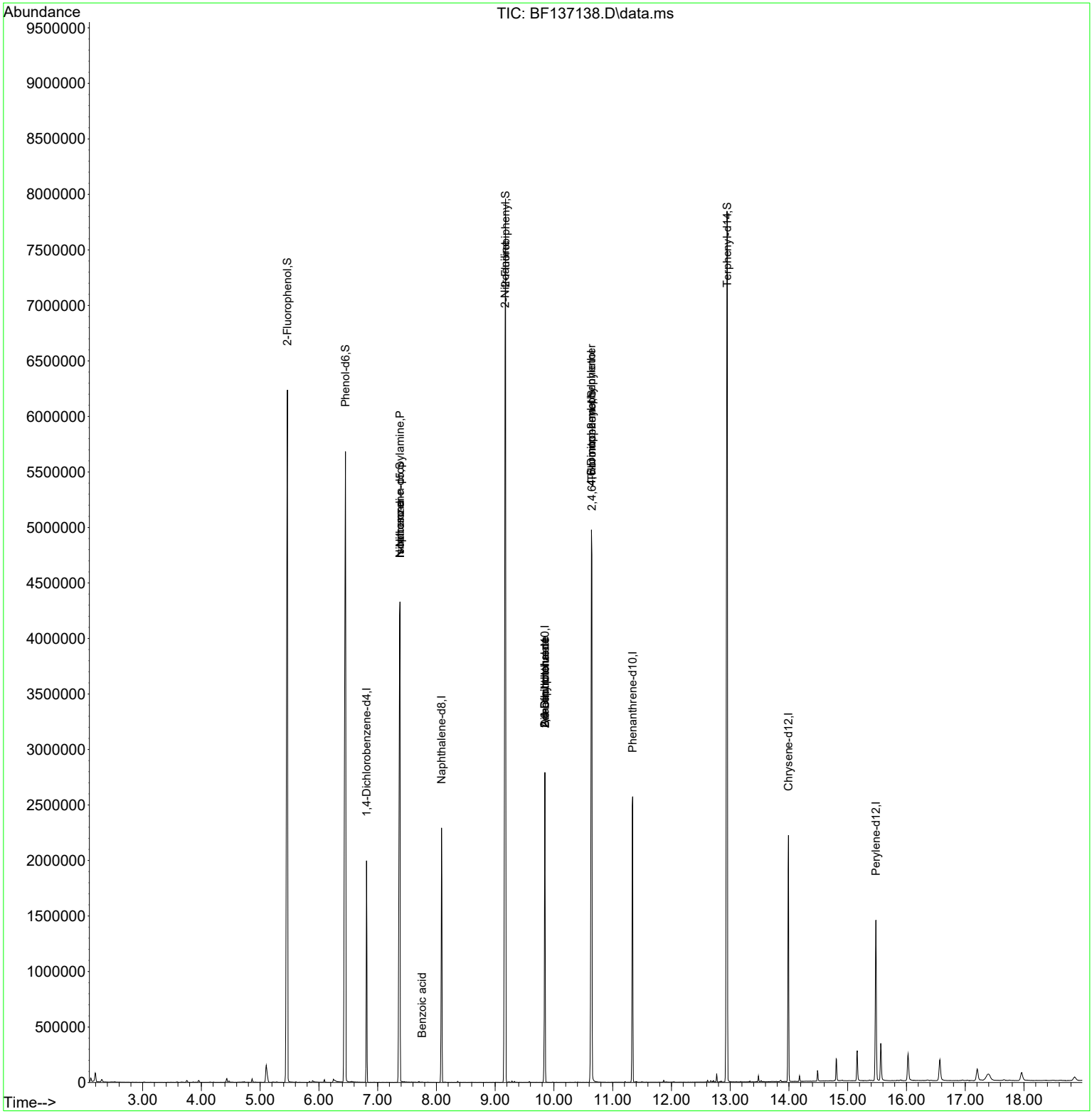
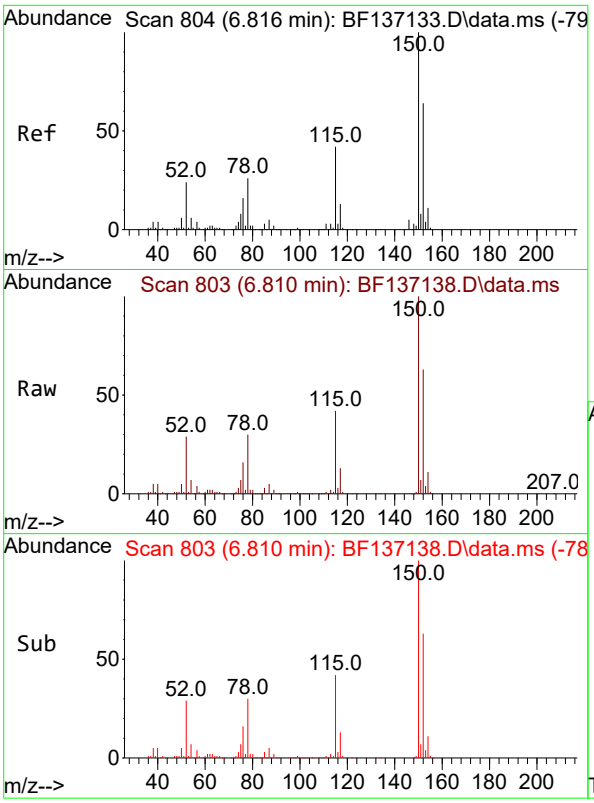
Response via : Initial Calibration



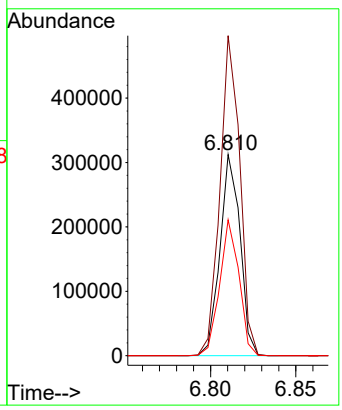


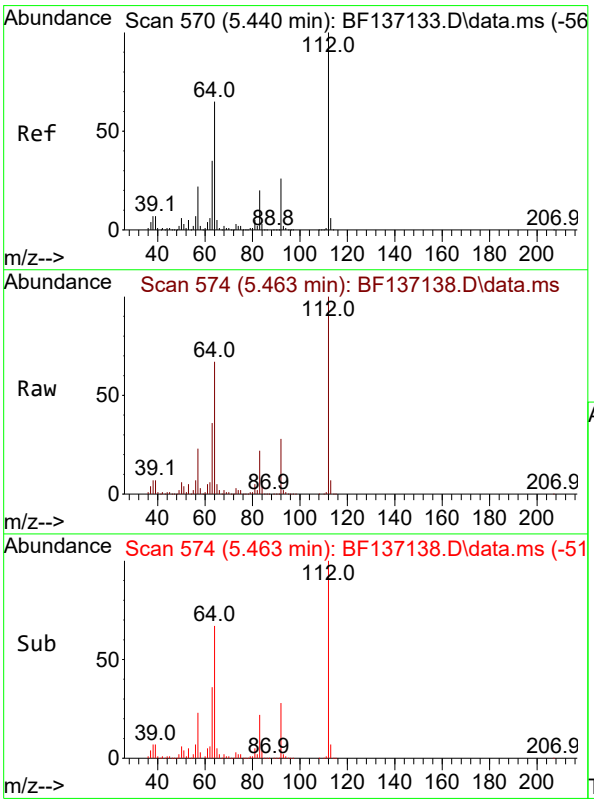
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:152 Resp: 255904

Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.6	188.4
115	67.6	52.3	78.5

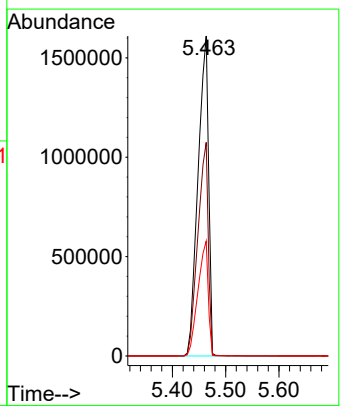


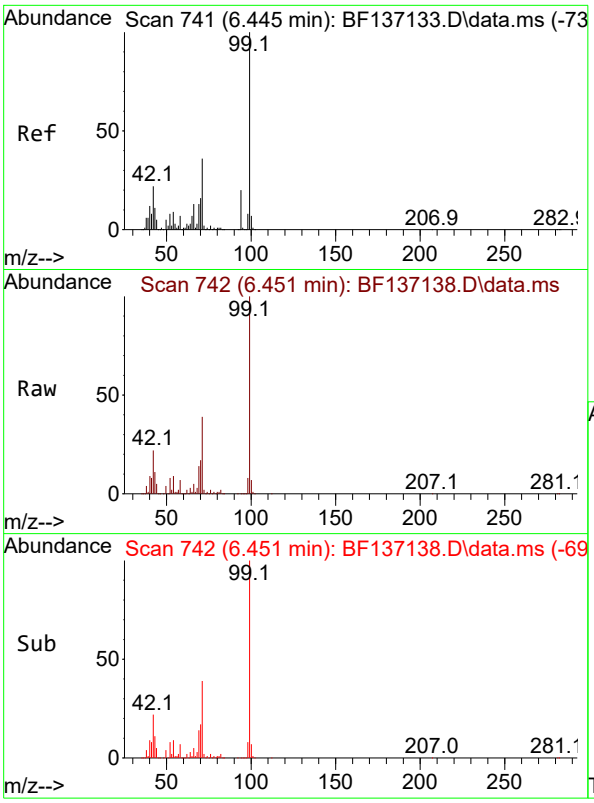


#5
2-Fluorophenol
Concen: 134.688 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.024 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion:112 Resp: 2215475

Ion	Ratio	Lower	Upper
112	100		
64	66.7	52.4	78.6
63	35.9	27.6	41.4



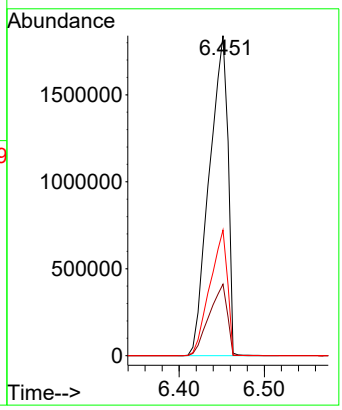


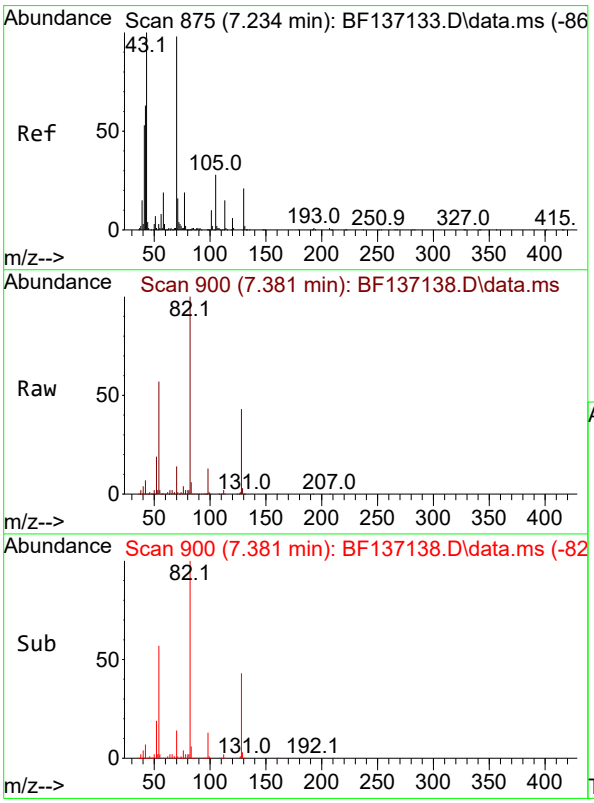
#7
Phenol-d6
Concen: 135.582 ng
RT: 6.451 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion: 99 Resp: 2782533

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.4	26.2
71	39.3	29.0	43.4

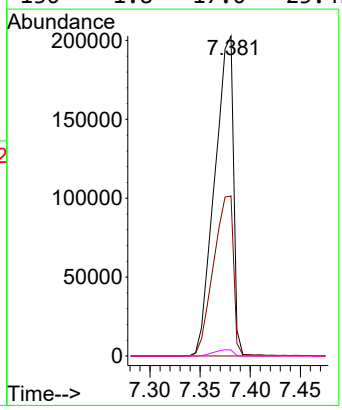


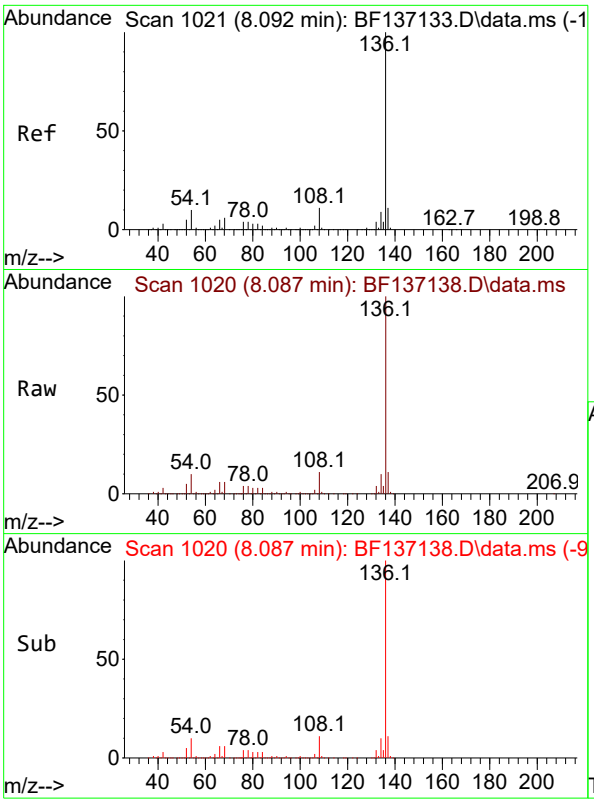


#19
n-Nitroso-di-n-propylamine
Concen: 20.007 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion: 70 Resp: 263199

Ion	Ratio	Lower	Upper
70	100		
42	50.0	51.2	76.8#
101	0.0	8.0	12.0#
130	1.8	17.0	25.4#



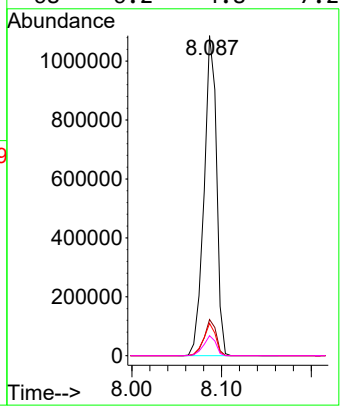


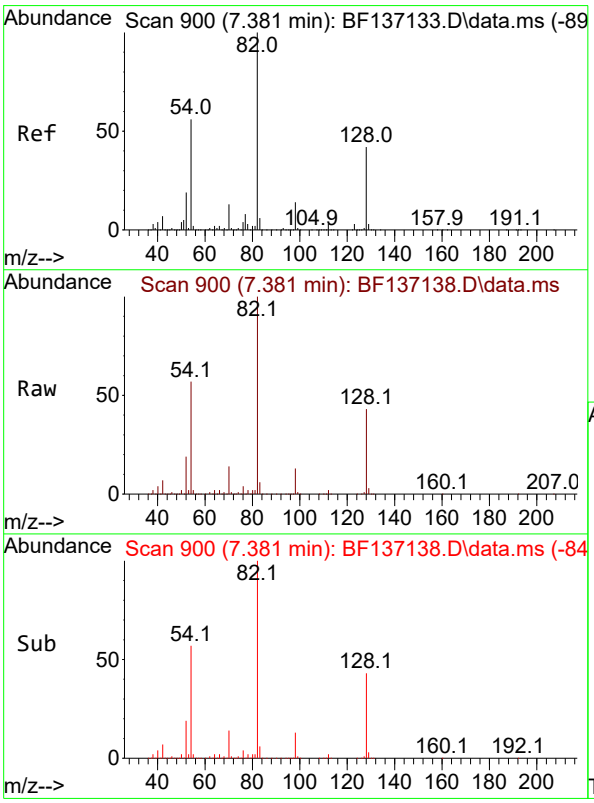
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:136 Resp: 1048667

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.1	7.8	11.6
68	6.2	4.8	7.2

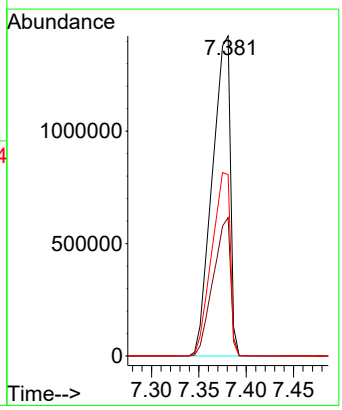


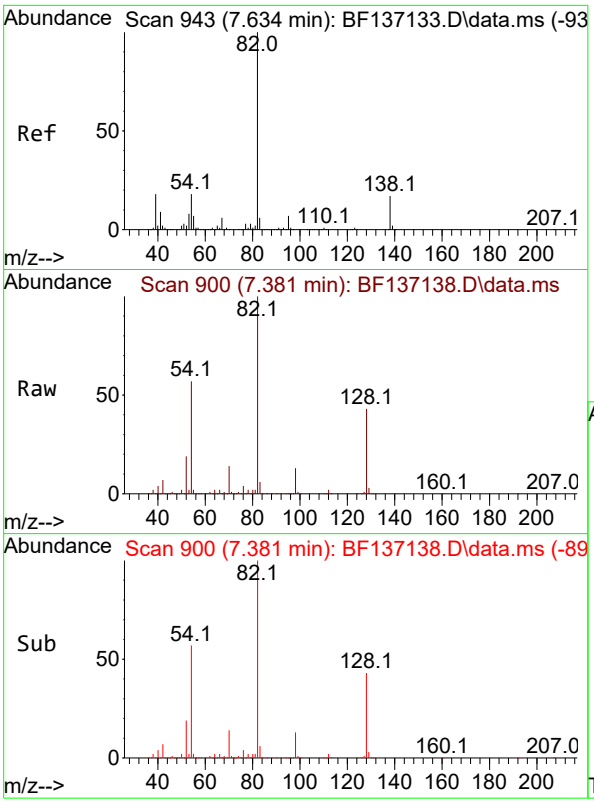


#23
Nitrobenzene-d5
Concen: 109.221 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion: 82 Resp: 1884341

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.8	50.6
54	56.7	44.9	67.3



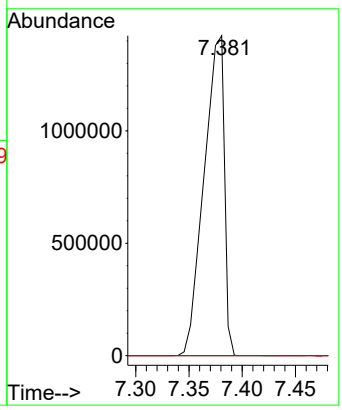


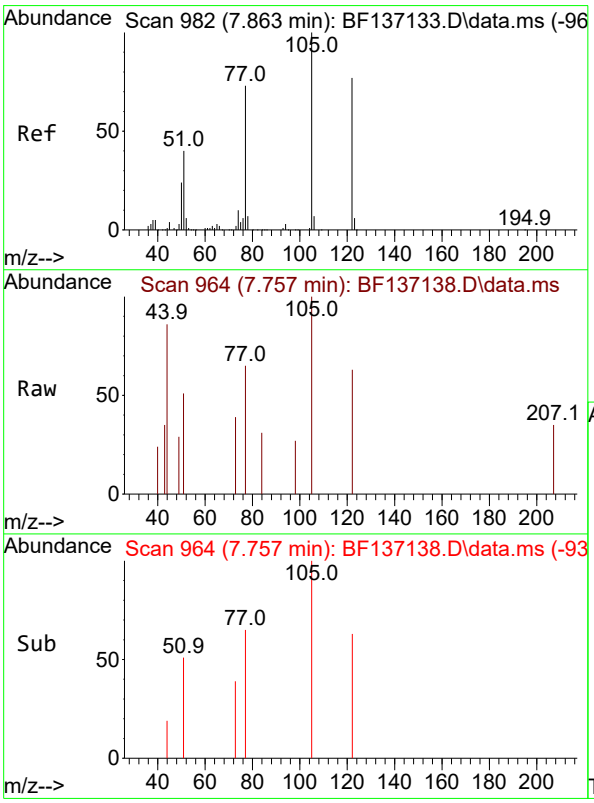
#25
Isophorone
Concen: 51.406 ng
RT: 7.381 min Scan# 9
Delta R.T. -0.253 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion: 82 Resp: 1882571

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.2	19.8#

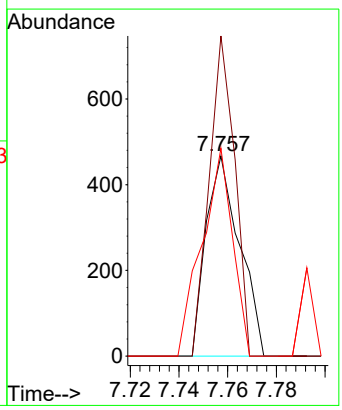


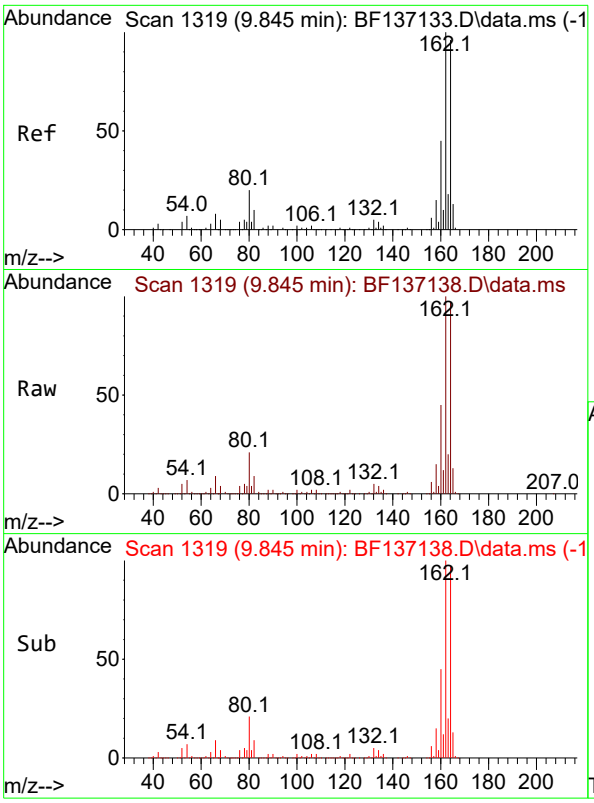


#32
Benzoic acid
Concen: 8.857 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.106 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion:122 Resp: 447

Ion	Ratio	Lower	Upper
122	100		
105	160.0	105.6	145.6#
77	103.9	74.4	114.4



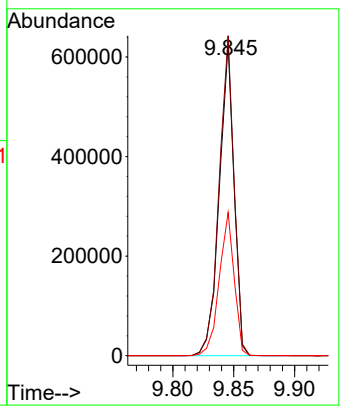


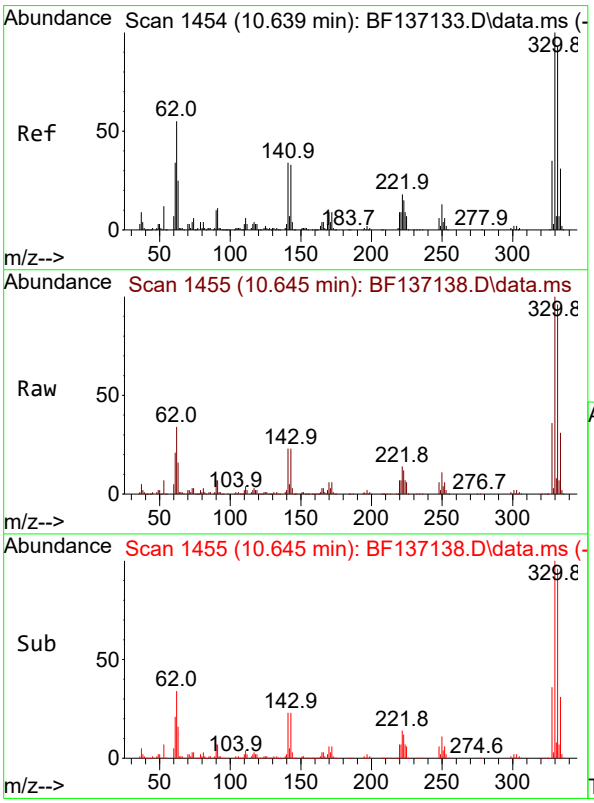
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:164 Resp: 530568

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	45.9	37.3	55.9

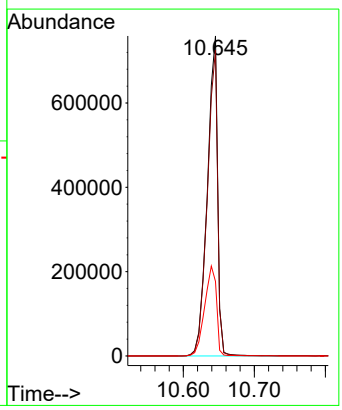


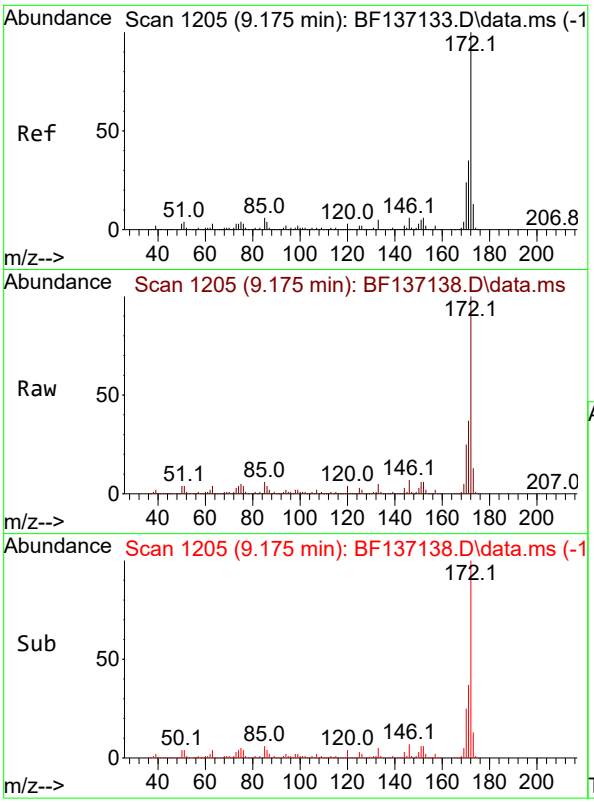


#42
2,4,6-Tribromophenol
Concen: 165.681 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion:330 Resp: 766461

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.8	112.2
141	32.4	30.3	45.5



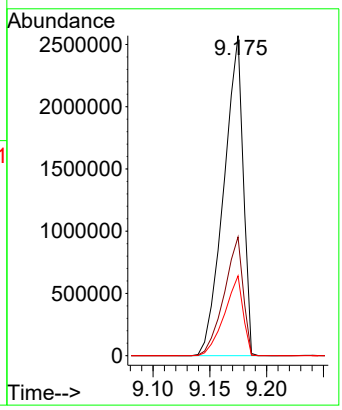


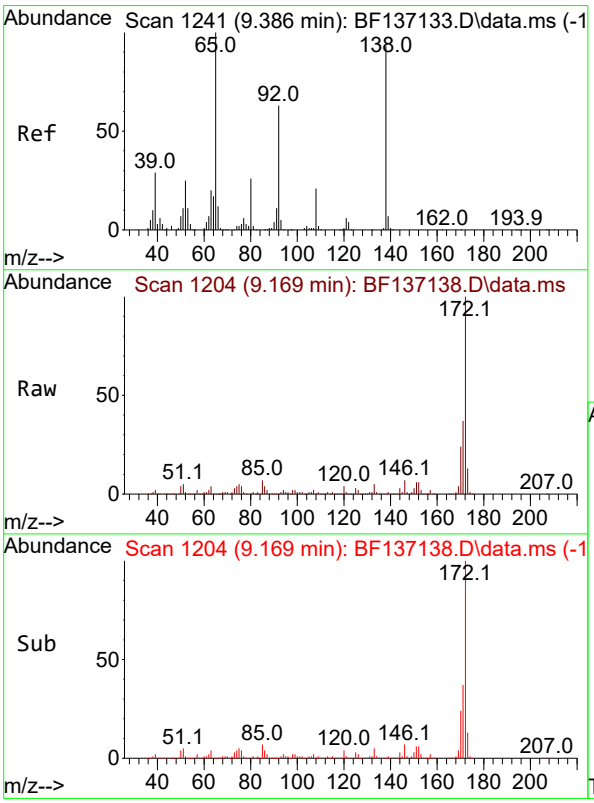
#45
2-Fluorobiphenyl
Concen: 87.707 ng
RT: 9.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:172 Resp: 3047002

Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.4	42.6
170	25.0	19.2	28.8

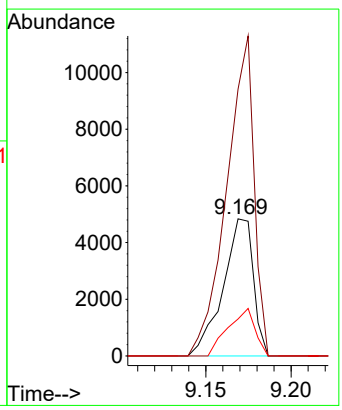


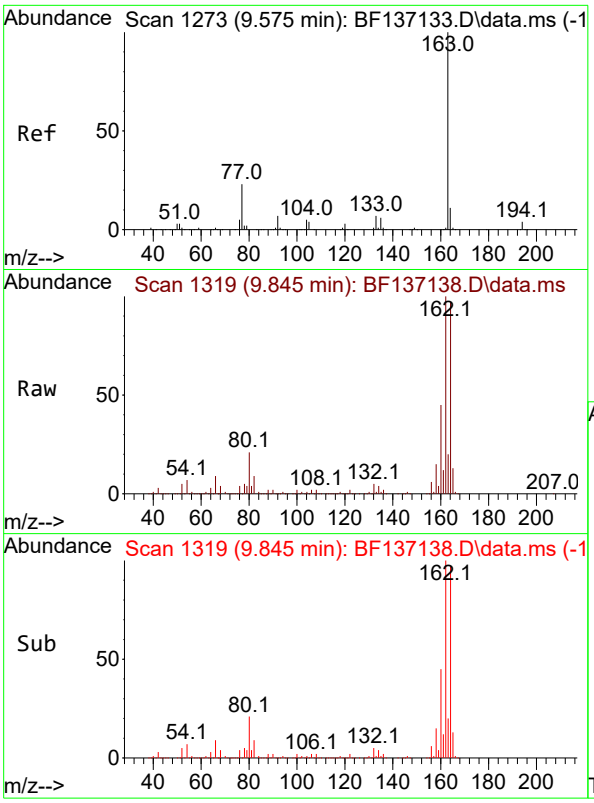


#48
2-Nitroaniline
Concen: 4.450 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.217 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion: 65 Resp: 5984

Ion	Ratio	Lower	Upper
65	100		
92	194.5	50.6	76.0#
138	27.0	74.4	111.6#



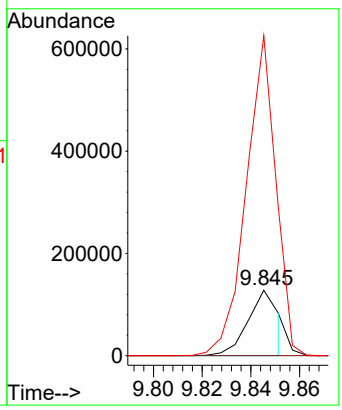


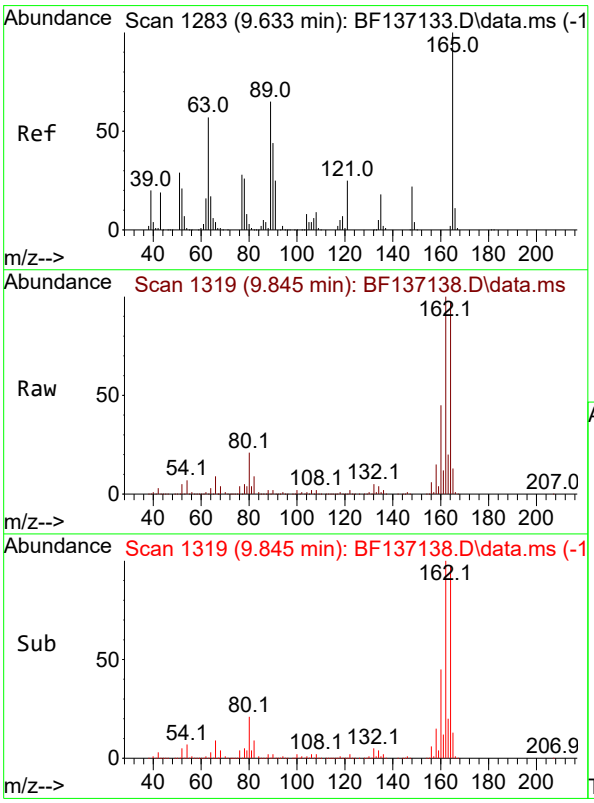
#50
Dimethylphthalate
Concen: 2.999 ng
RT: 9.845 min Scan# 1
Delta R.T. 0.270 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:163 Resp: 110794

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.9	4.3#
164	489.4	8.4	12.6#

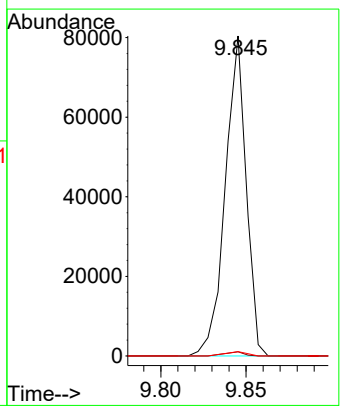


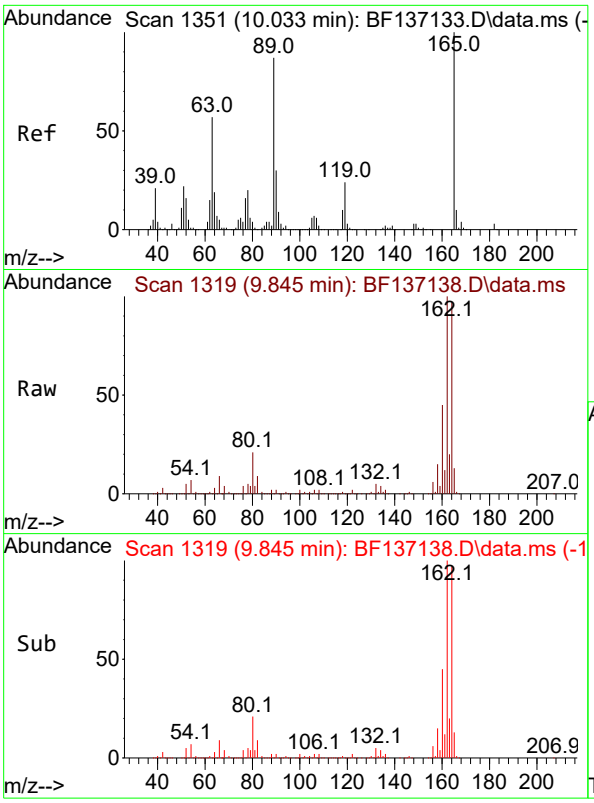


#51
2,6-Dinitrotoluene
Concen: 12.324 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.212 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion:165 Resp: 68544

Ion	Ratio	Lower	Upper
165	100		
63	1.3	56.6	85.0#
89	1.4	52.2	78.2#



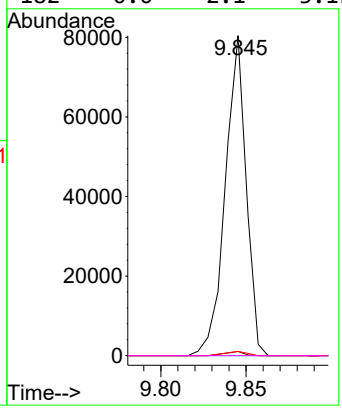


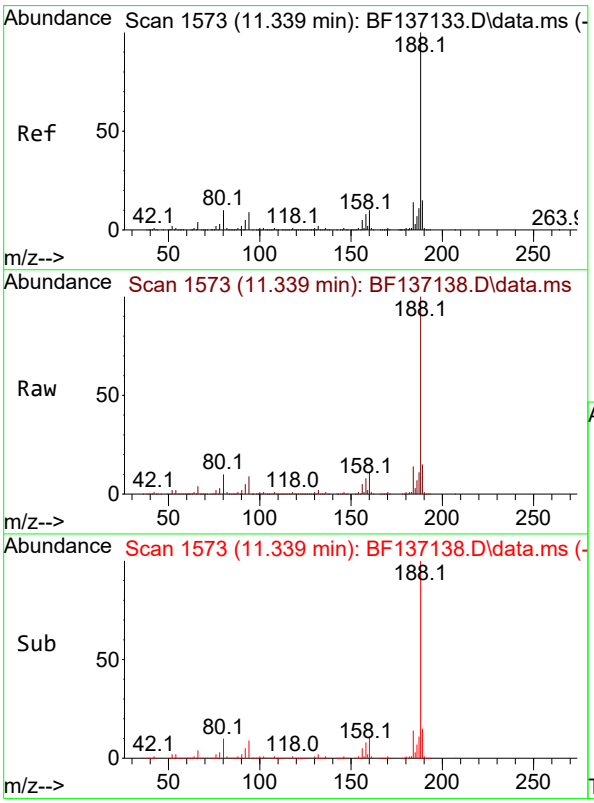
#57
2,4-Dinitrotoluene
Concen: 11.185 ng
RT: 9.845 min Scan# 1
Delta R.T. -0.188 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:165 Resp: 68544

Ion	Ratio	Lower	Upper
165	100		
63	1.3	45.5	68.3#
89	1.4	69.4	104.2#
182	0.0	2.1	3.1#

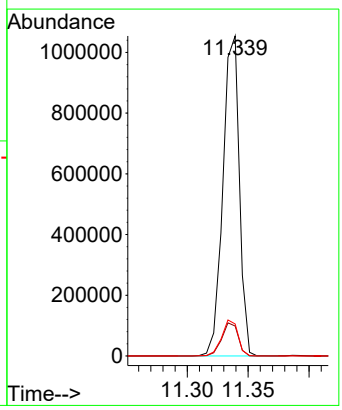


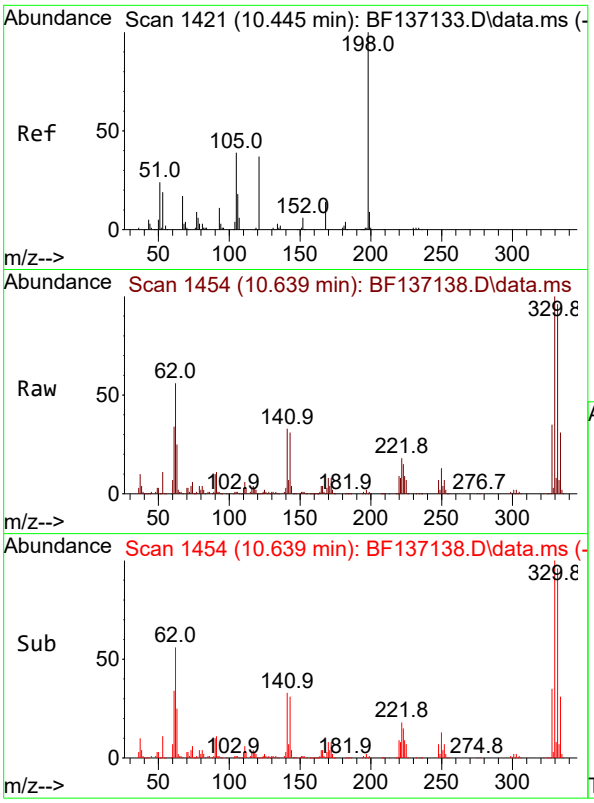


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion:188 Resp: 992488

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	10.0	8.3	12.5



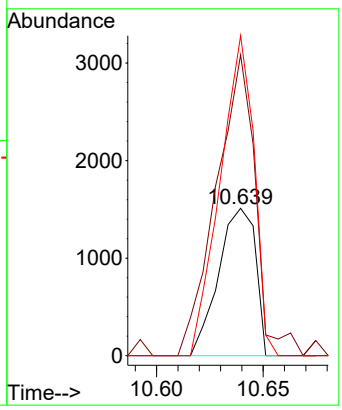


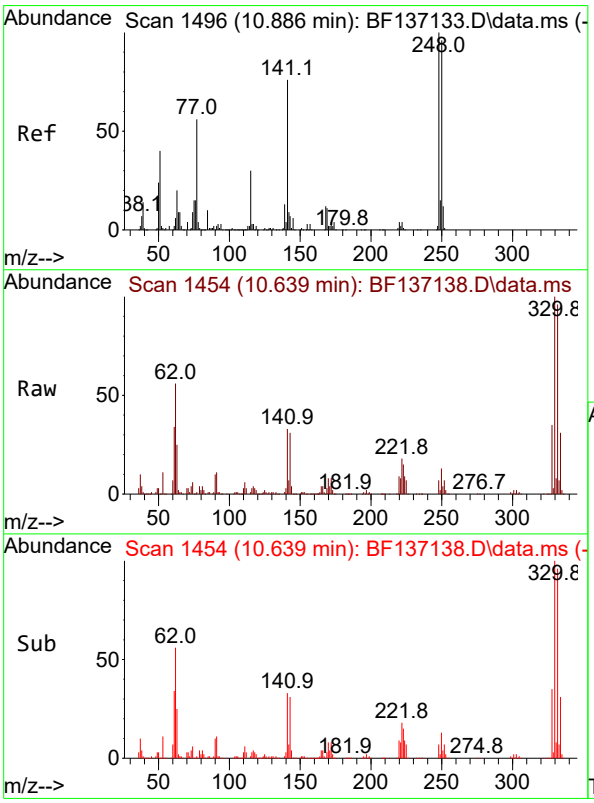
#65
4,6-Dinitro-2-methylphenol
Concen: 9.417 ng
RT: 10.639 min Scan# 14
Delta R.T. 0.194 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:198 Resp: 1821

Ion	Ratio	Lower	Upper
198	100		
51	204.2	24.2	64.2#
105	217.1	20.8	60.8#

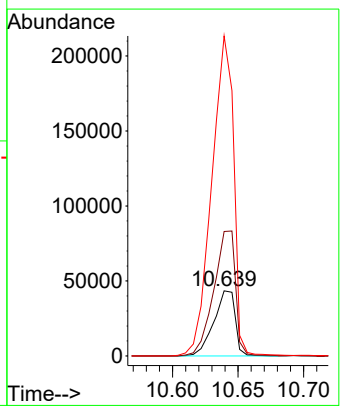


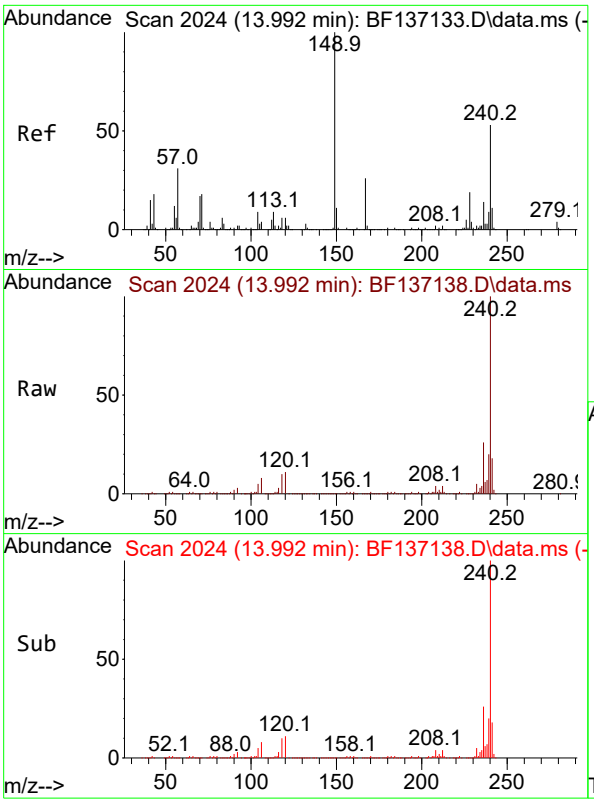


#67
4-Bromophenyl-phenylether
Concen: 4.776 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion:248 Resp: 49084

Ion	Ratio	Lower	Upper
248	100		
250	191.2	77.1	115.7#
141	491.7	60.7	91.1#



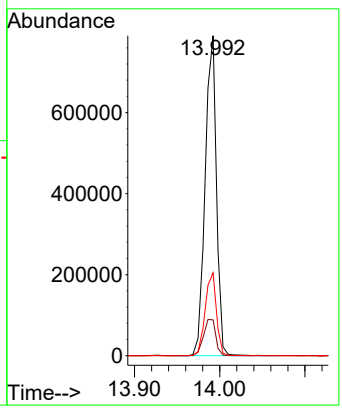


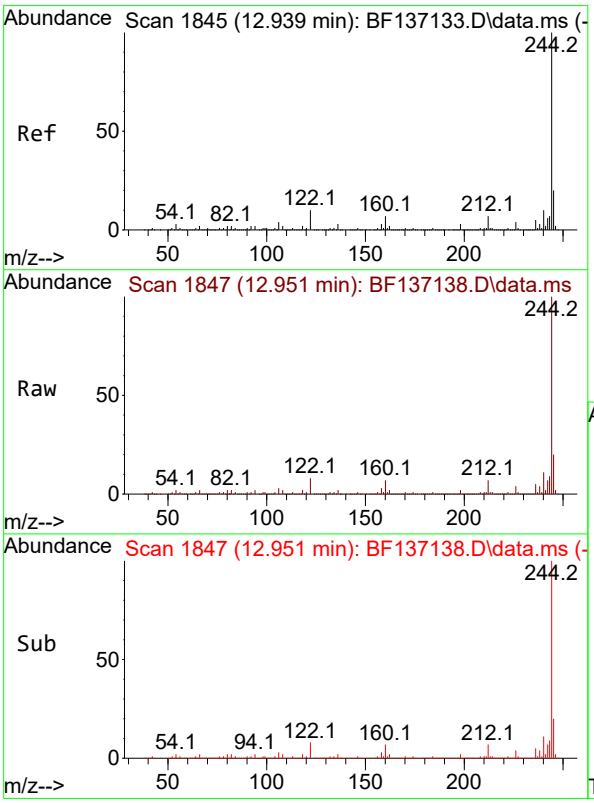
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:240 Resp: 725154

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.6	14.4
236	25.9	21.4	32.2

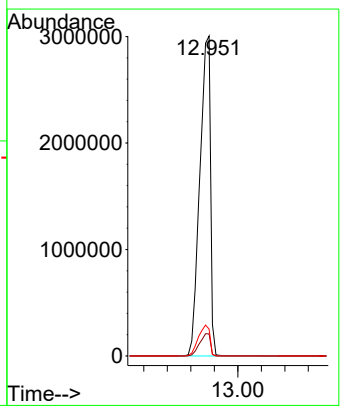


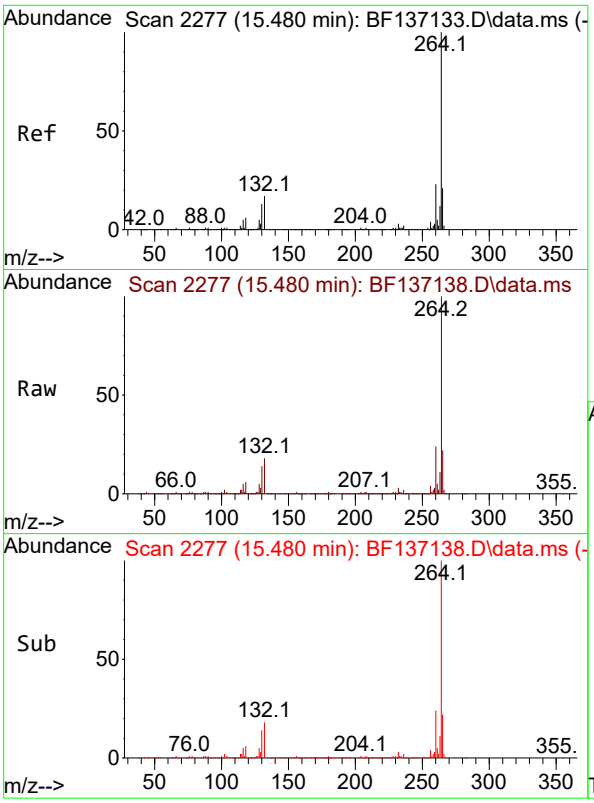


#79
Terphenyl-d14
Concen: 74.695 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.012 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Tgt Ion:244 Resp: 3787939

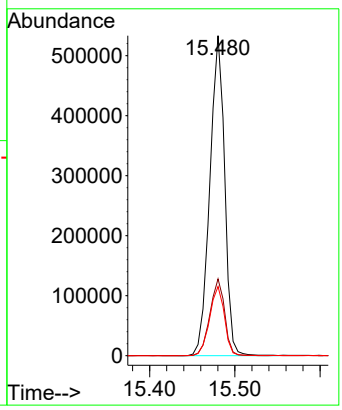
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.4	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF137138.D
Acq: 23 Jan 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB158491BL

Tgt Ion:264 Resp: 644853

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.6	16.5	24.7