Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136824.D
Acq On : 29 Dec 2023 12:36
Operator : CG\JU
Sample : 06017-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Quant Time: Dec 29 12:58:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67481	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	264280	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	133227	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	258960	20.000	ng	0.00
76) Chrysene-d12	13.963	240	162516	20.000	ng	0.00
86) Perylene-d12	15.445	264	140254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	428249	99.019	ng	0.00
7) Phenol-d6	6.428	99	535932	95.633	ng	-0.01
23) Nitrobenzene-d5	7.345	82	322257	62.397	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	149059	95.000	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	613827	61.969	ng	-0.01
79) Terphenyl-d14	12.904	244	609757	52.433	ng	-0.01
Target Compounds						Qvalue
17) 2-Methylphenol	7.198	107	9389	2.395	ng	# 69
18) Hexachloroethane	7.310	117	5171	2.699	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	44842	13.200	ng	# 75
25) Isophorone	7.345	82	320995	34.157	ng	# 65
50) Dimethylphthalate	9.816	163	27804	2.857	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17426	7.890	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	17426	6.078	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8686	3.020	ng	# 1

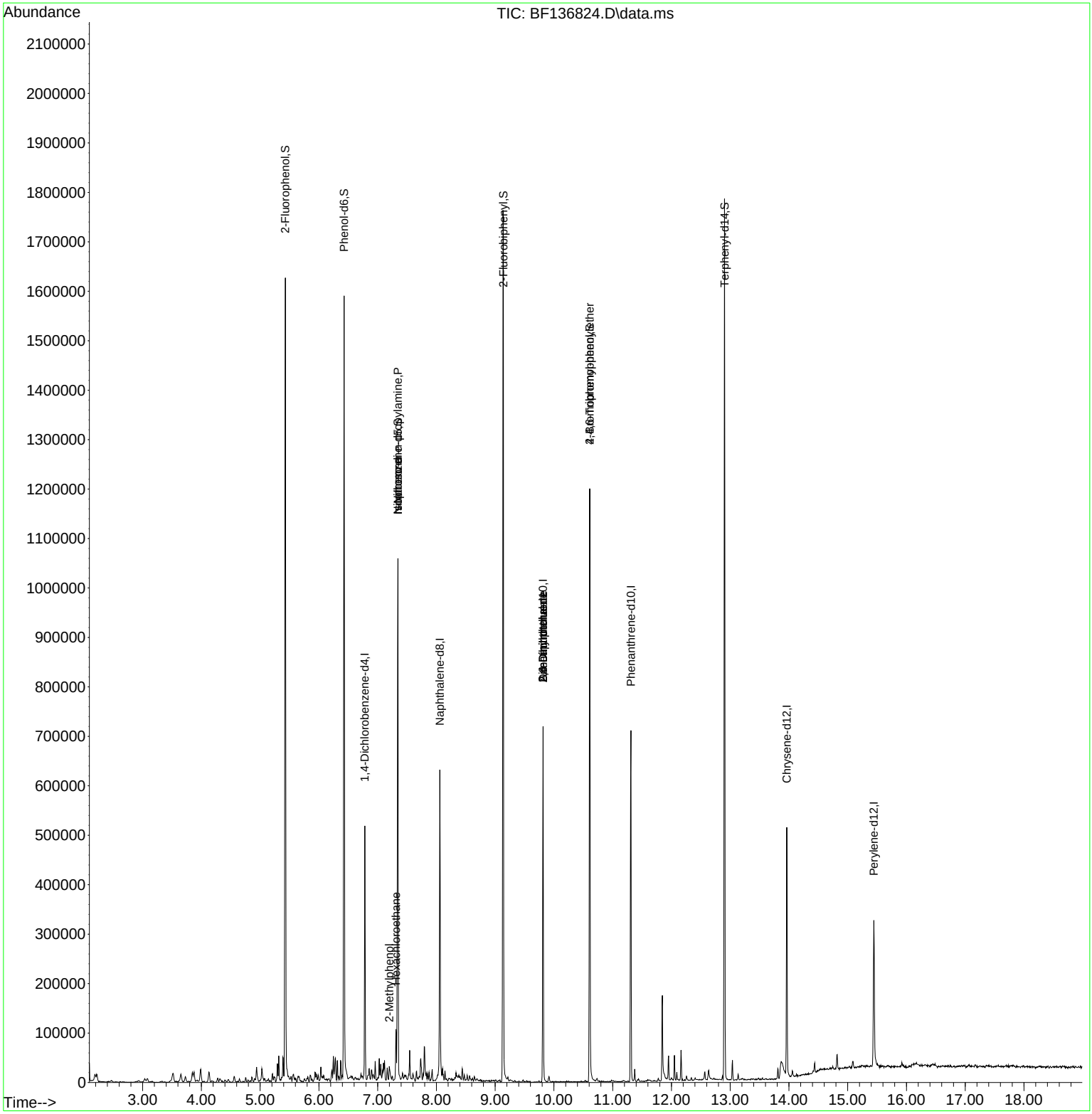
(#) = qualifier out of range (m) = manual integration (+) = signals summed

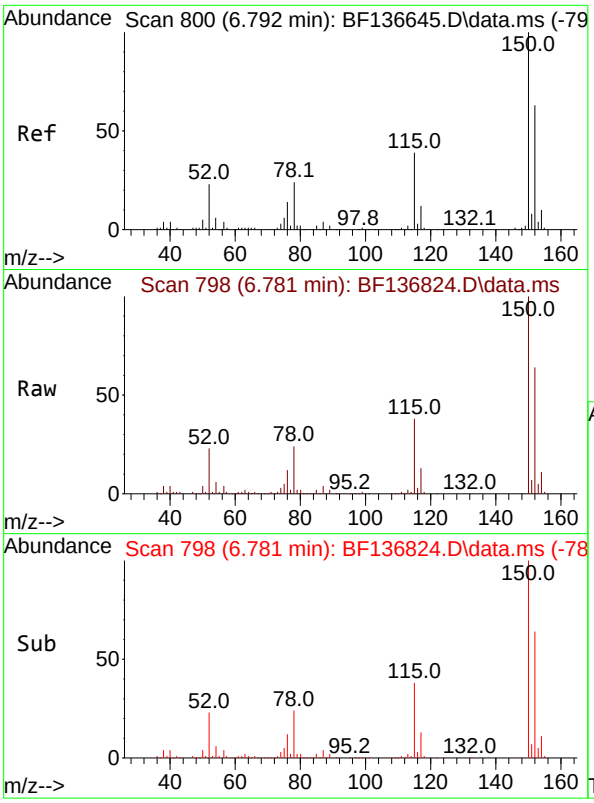
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136824.D
Acq On : 29 Dec 2023 12:36
Operator : CG\JU
Sample : 06017-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Quant Time: Dec 29 12:58:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



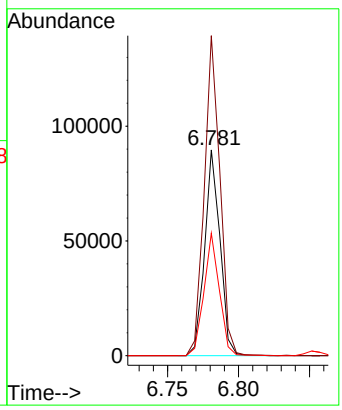


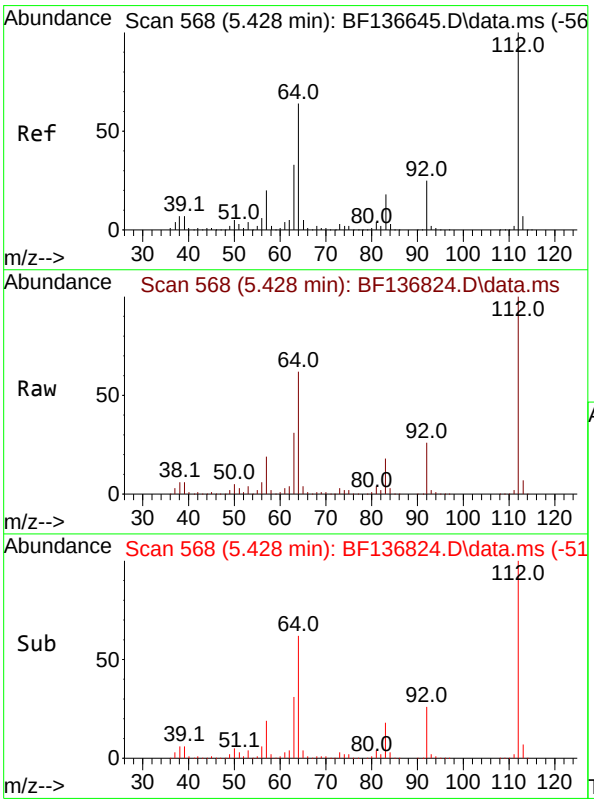
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:152 Resp: 67481

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.0	190.6
115	59.5	49.0	73.4

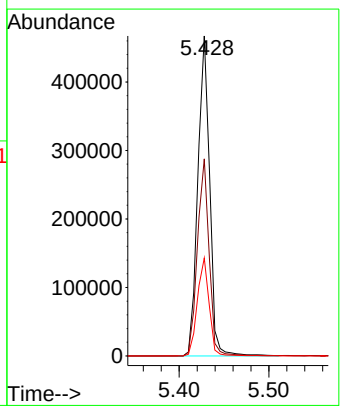


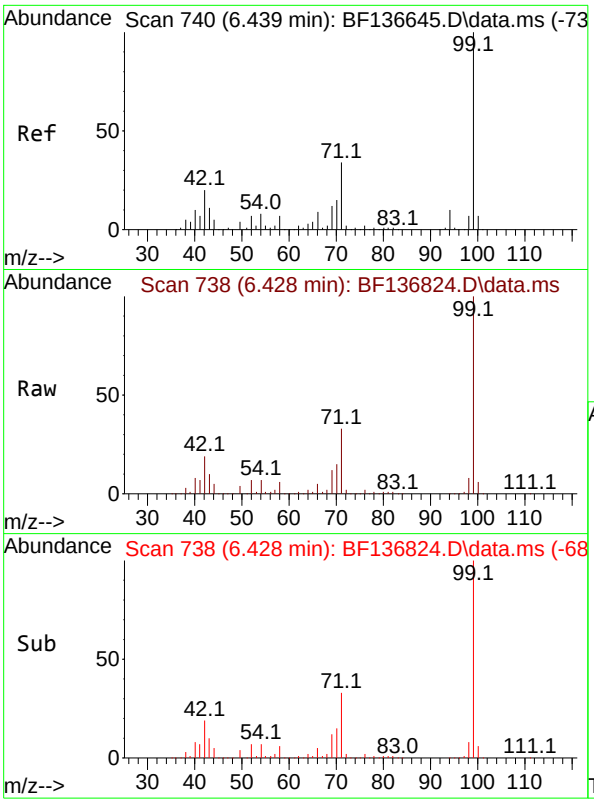


#5
2-Fluorophenol
Concen: 99.019 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:112 Resp: 428249

Ion	Ratio	Lower	Upper
112	100		
64	61.6	51.1	76.7
63	30.6	26.1	39.1



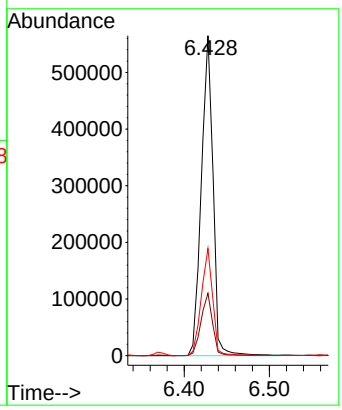


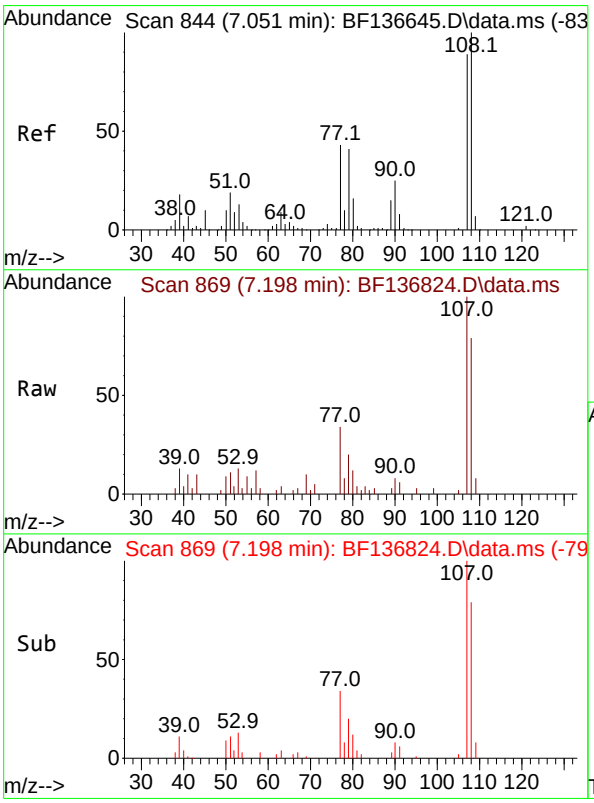
#7
Phenol-d6
Concen: 95.633 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion: 99 Resp: 535932

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.1	24.1
71	33.5	27.4	41.2

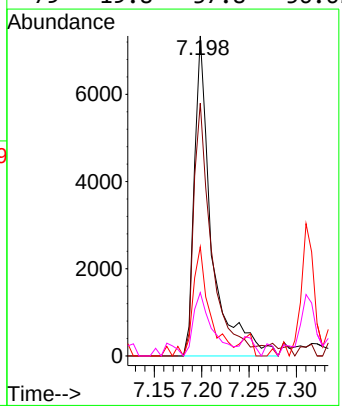


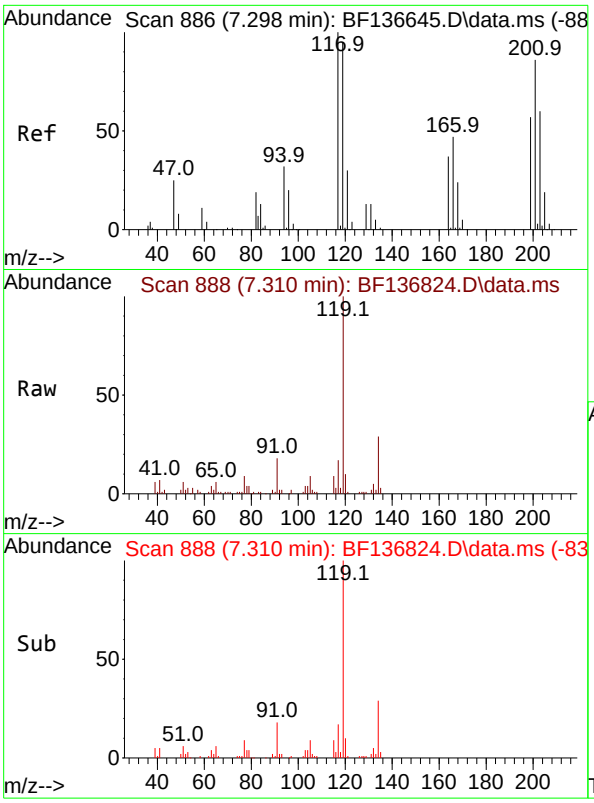


#17
2-Methylphenol
Concen: 2.395 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.147 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:107 Resp: 9389

Ion	Ratio	Lower	Upper
107	100		
108	79.0	90.3	135.5#
77	34.1	38.7	58.1#
79	19.8	37.8	56.6#



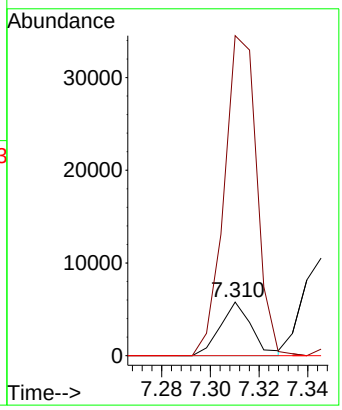


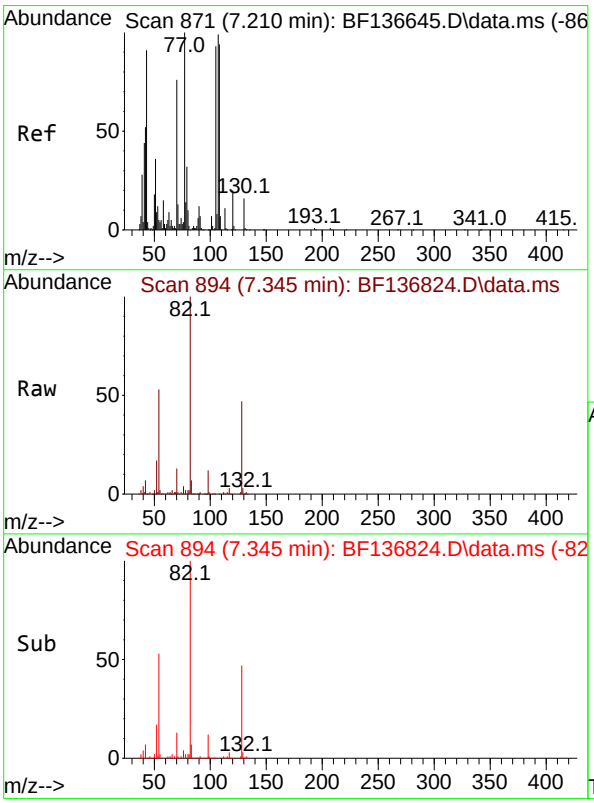
#18
Hexachloroethane
Concen: 2.699 ng
RT: 7.310 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:117 Resp: 5171

Ion	Ratio	Lower	Upper
117	100		
119	596.5	75.8	113.6#
201	0.0	69.1	103.7#

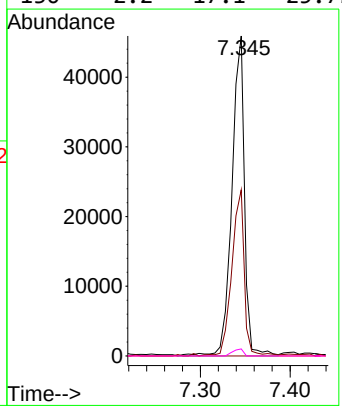


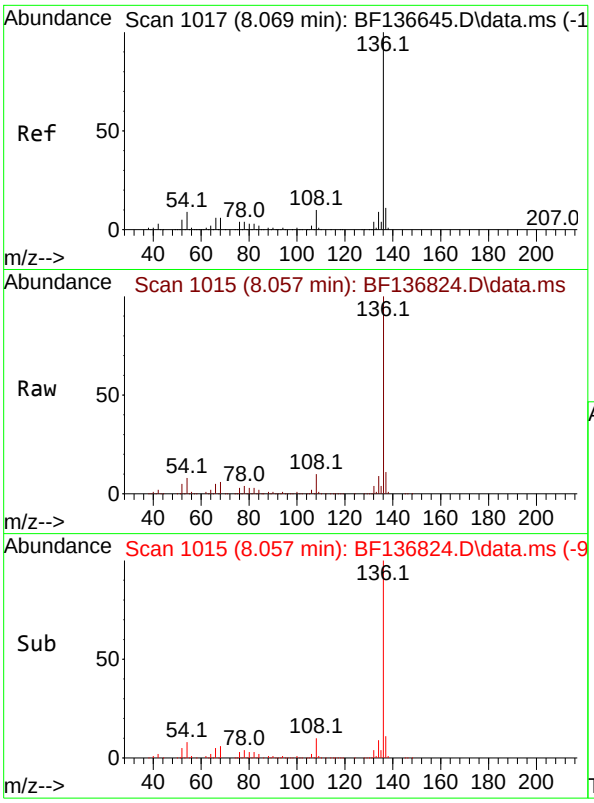


#19
n-Nitroso-di-n-propylamine
Concen: 13.200 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion: 70 Resp: 44842

Ion	Ratio	Lower	Upper
70	100		
42	51.9	54.2	81.4#
101	0.0	7.6	11.4#
130	2.2	17.1	25.7#



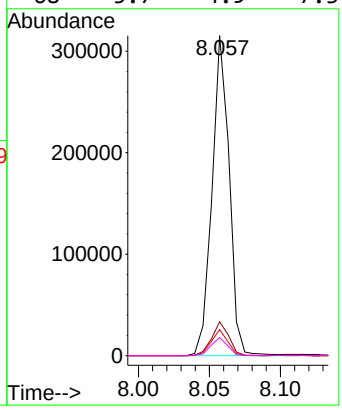


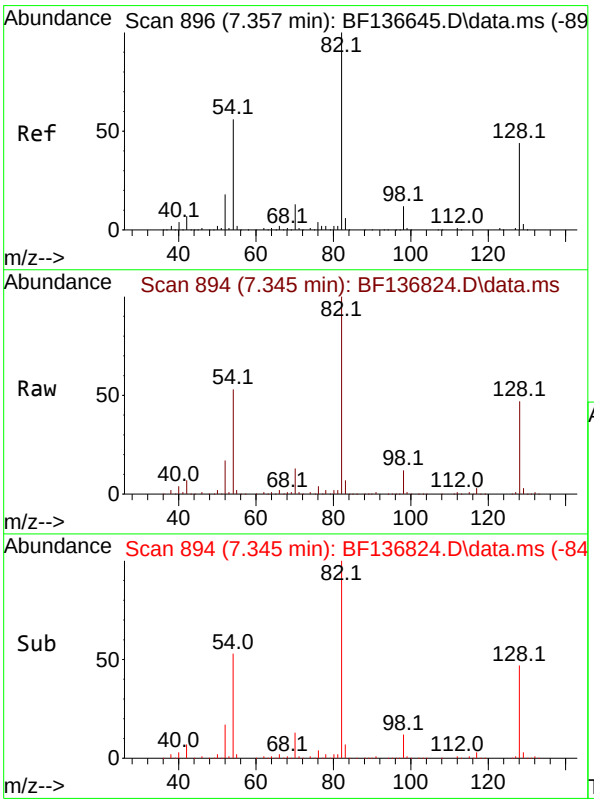
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:136 Resp: 264280

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.1	7.2	10.8
68	5.7	4.9	7.3

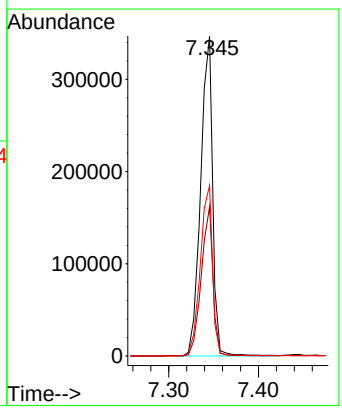


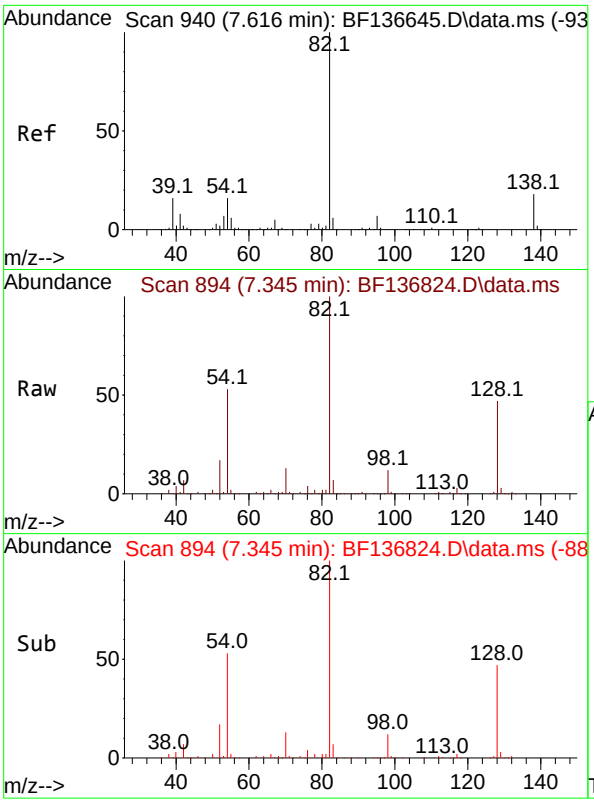


#23
Nitrobenzene-d5
Concen: 62.397 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion: 82 Resp: 322257

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.3	52.9
54	53.3	44.5	66.7



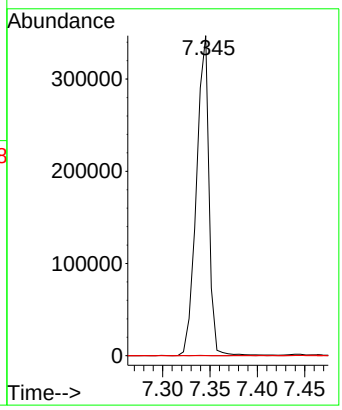


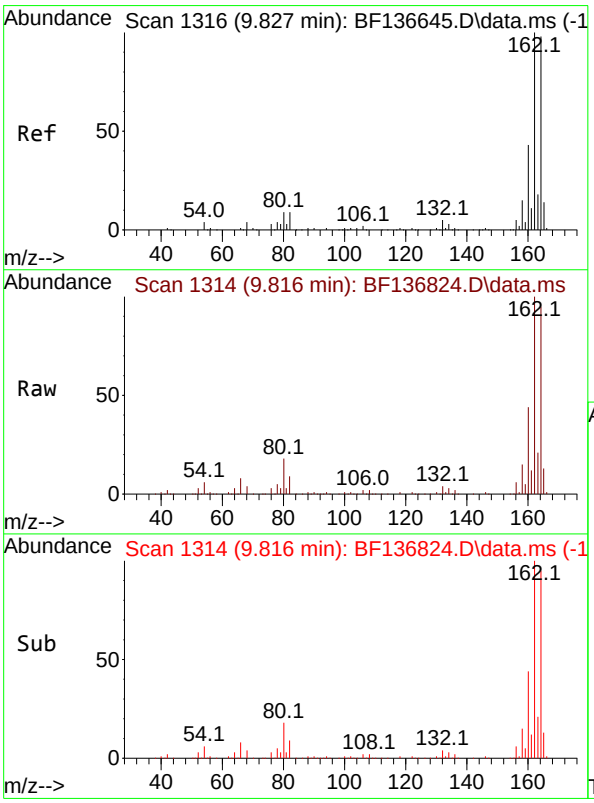
#25
Isophorone
Concen: 34.157 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion: 82 Resp: 320995

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.5	21.7#

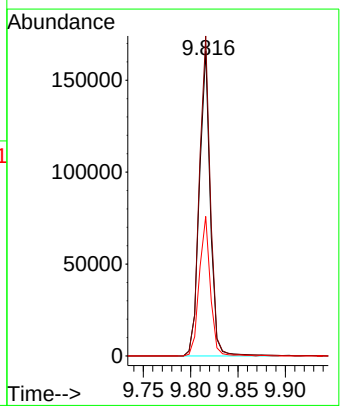


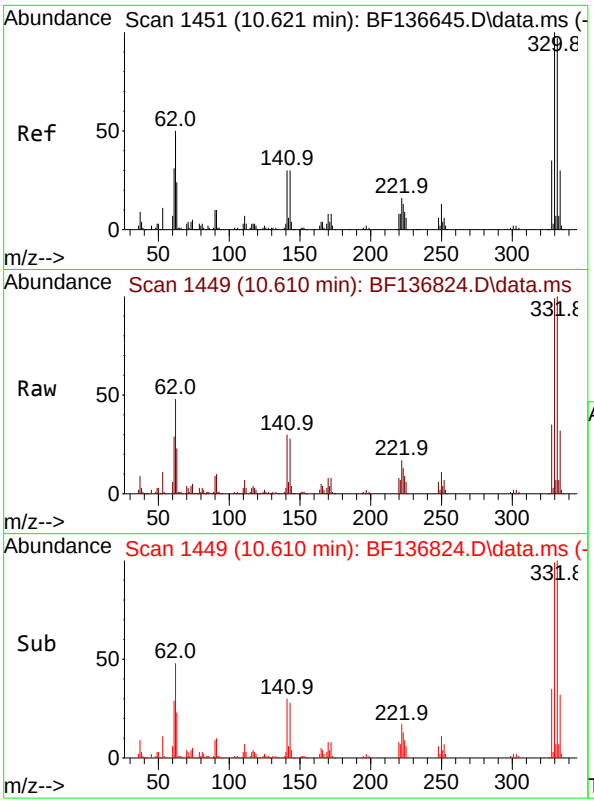


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:164 Resp: 133227

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.6	122.4
160	45.7	34.9	52.3



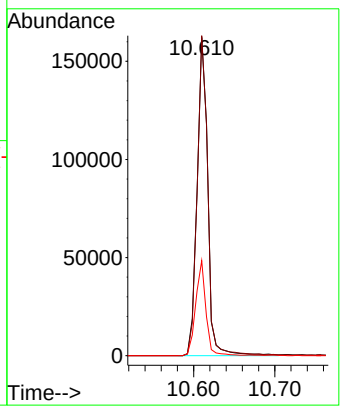


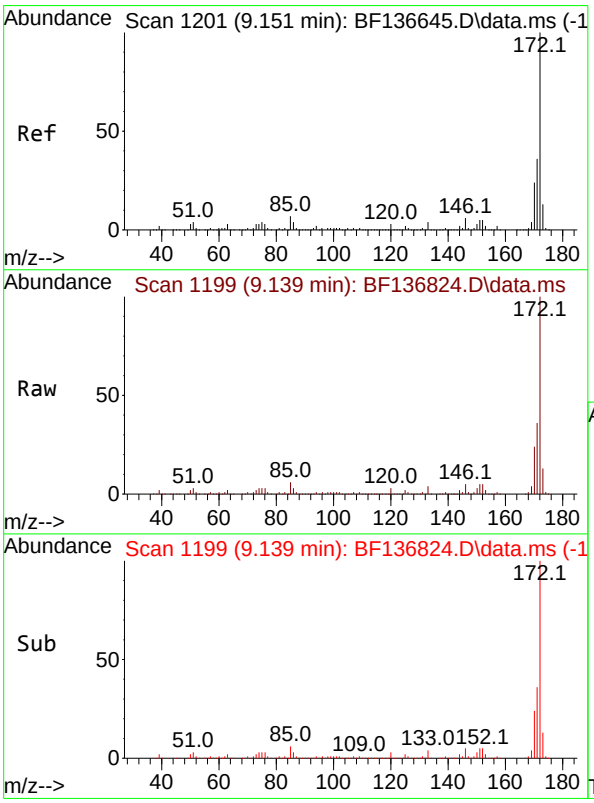
#42
2,4,6-Tribromophenol
Concen: 95.000 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:330 Resp: 149059

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.4	116.0
141	29.0	23.4	35.2

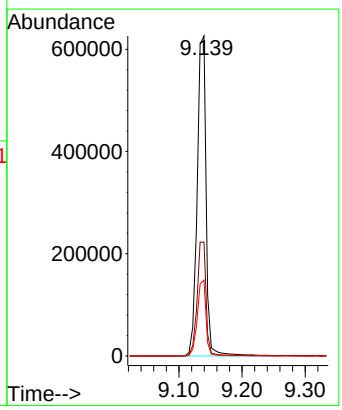


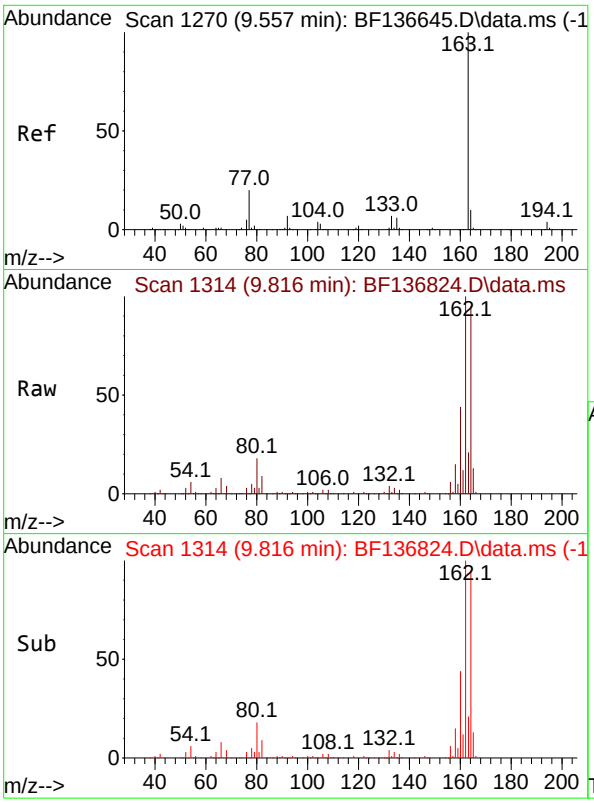


#45
2-Fluorobiphenyl
Concen: 61.969 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:172 Resp: 613827

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.7	19.0	28.4



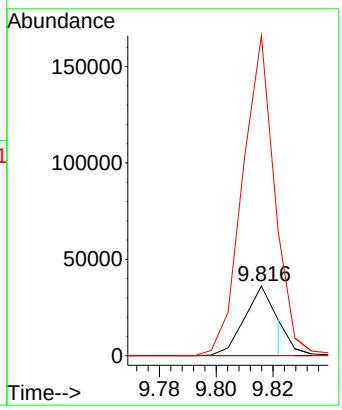


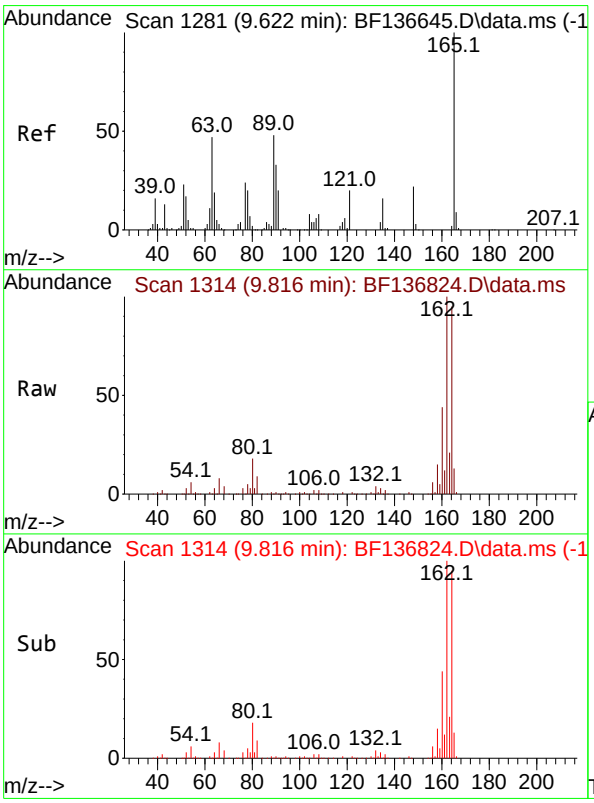
#50
Dimethylphthalate
Concen: 2.857 ng
RT: 9.816 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:163 Resp: 27804

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	459.6	7.8	11.6#

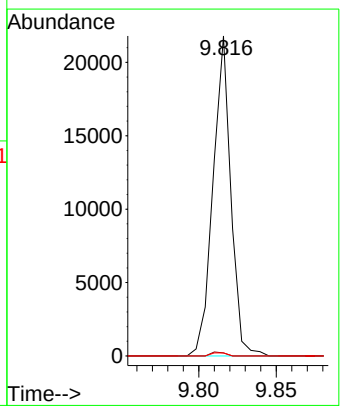


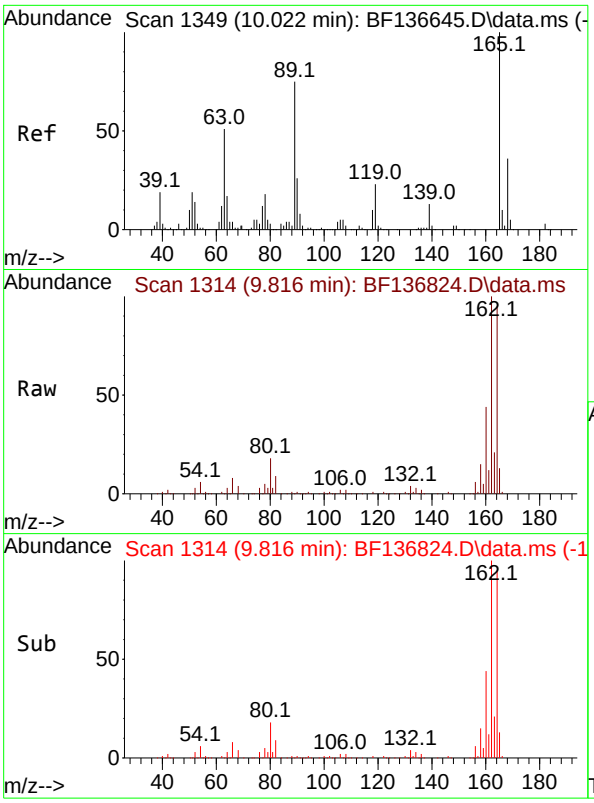


#51
2,6-Dinitrotoluene
Concen: 7.890 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:165 Resp: 17426

Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.8	59.6#
89	1.0	38.8	58.2#



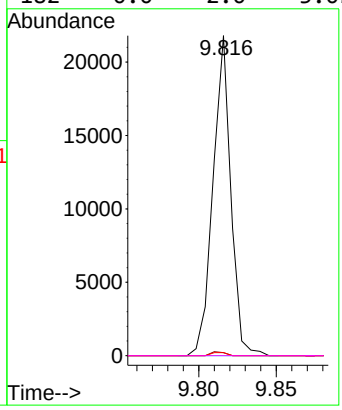


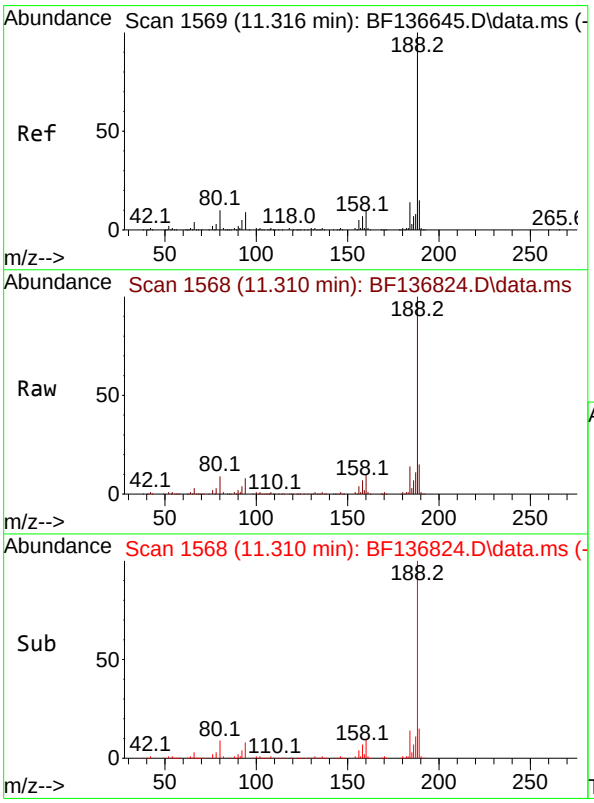
#57
2,4-Dinitrotoluene
Concen: 6.078 ng
RT: 9.816 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:165 Resp: 17426

Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.0	61.6#
89	1.0	59.9	89.9#
182	0.0	2.0	3.0#

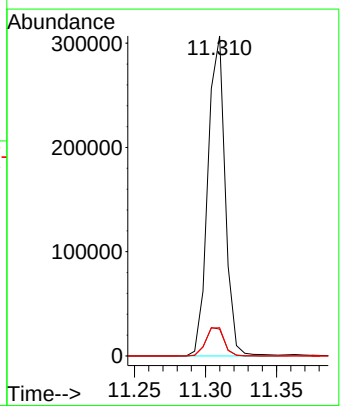


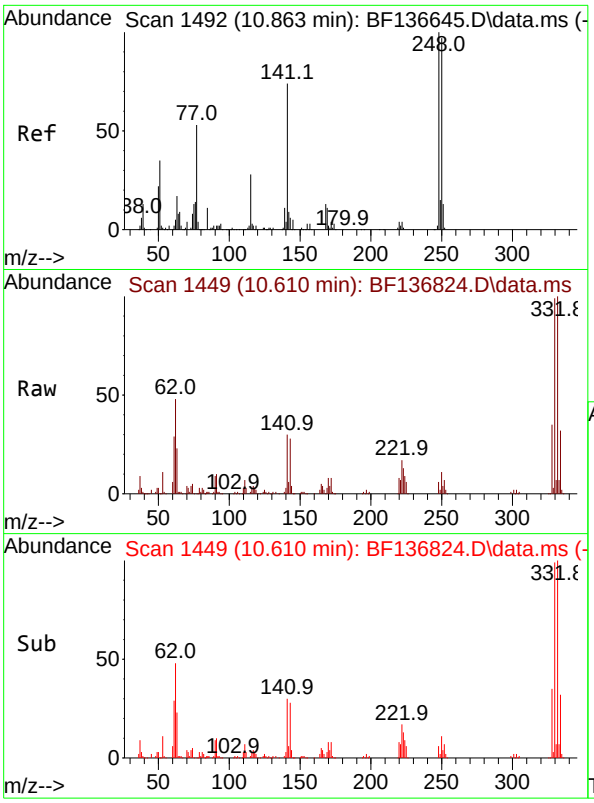


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:188 Resp: 258960

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.5	11.3
80	8.9	8.1	12.1



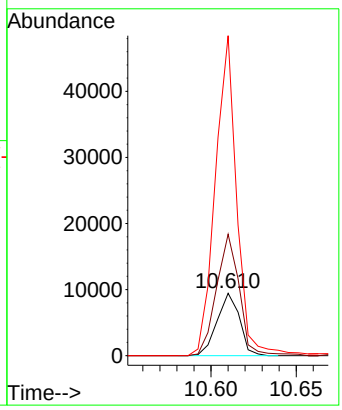


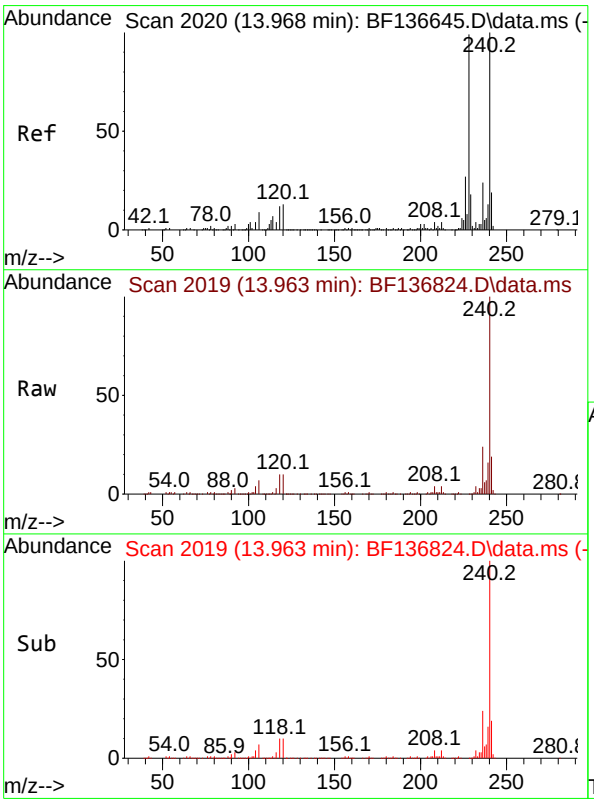
#67
4-Bromophenyl-phenylether
Concen: 3.020 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

Tgt Ion:248 Resp: 8686

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.8	116.6#
141	512.3	59.2	88.8#

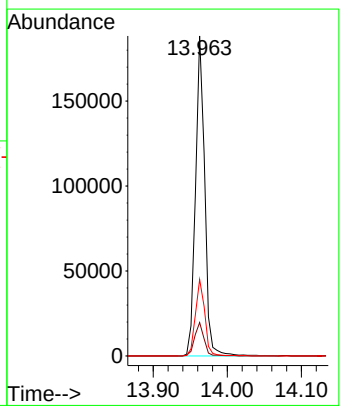


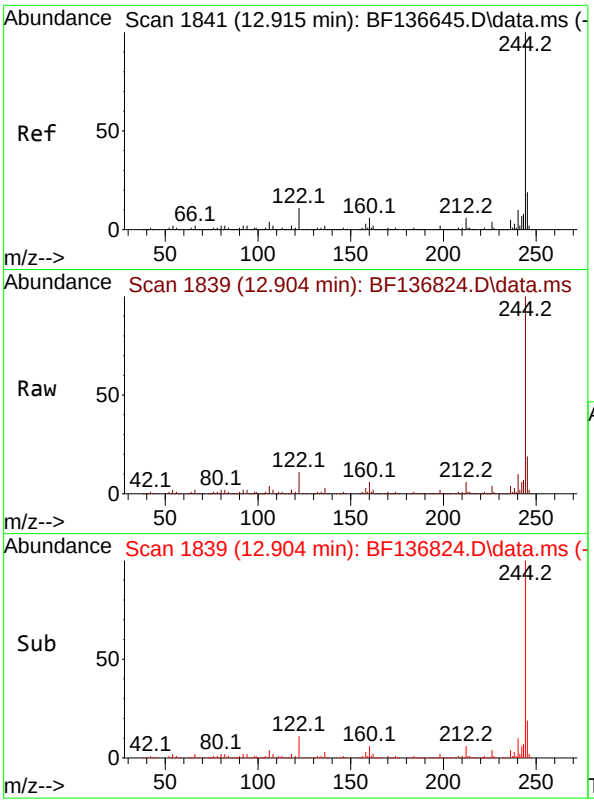


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:240 Resp: 162516

Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.3	15.5
236	23.9	19.4	29.2



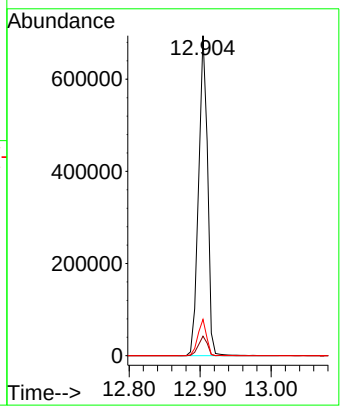


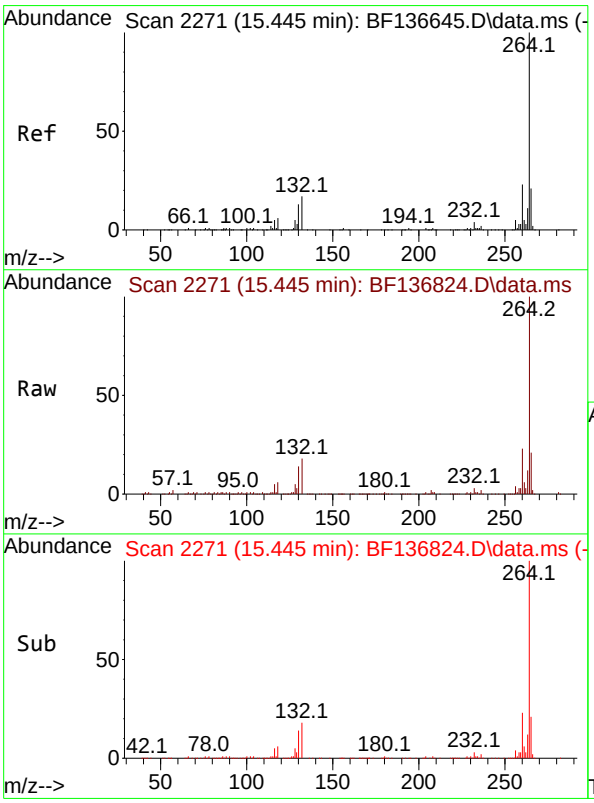
#79
Terphenyl-d14
Concen: 52.433 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Instrument :
BNA_F
ClientSampleId :
SB32-1-20231222-10.0-11.0

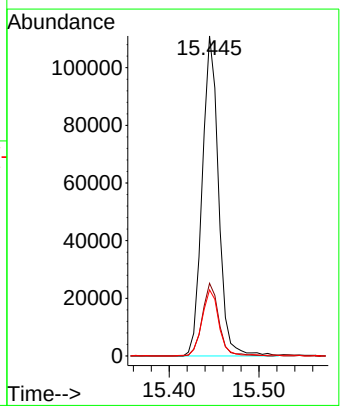
Tgt Ion:244 Resp: 609757

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	11.4	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136824.D
Acq: 29 Dec 2023 12:36

Tgt Ion:264 Resp: 140254

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	20.7	17.0	25.6