Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136842.D
Acq On : 29 Dec 2023 22:30
Operator : CG\JU
Sample : PB158107TB
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Quant Time: Dec 30 03:08:26 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	73620	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	285792	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	148335	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	285079	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	155726	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	150230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	567864	120.352	ng	0.00
7) Phenol-d6	6.428	99	716562	117.203	ng	-0.01
23) Nitrobenzene-d5	7.345	82	433937	77.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	197104	112.826	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	885774	80.315	ng	-0.01
79) Terphenyl-d14	12.904	244	928157	83.292	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	56538	15.255	ng	# 74
25) Isophorone	7.345	82	432237	42.532	ng	# 65
50) Dimethylphthalate	9.816	163	29944	2.764	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	19226	7.819	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	19226	6.023	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	12158	3.840	ng	# 1
77) Benzidine	12.904	184	10285	2.240	ng	# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
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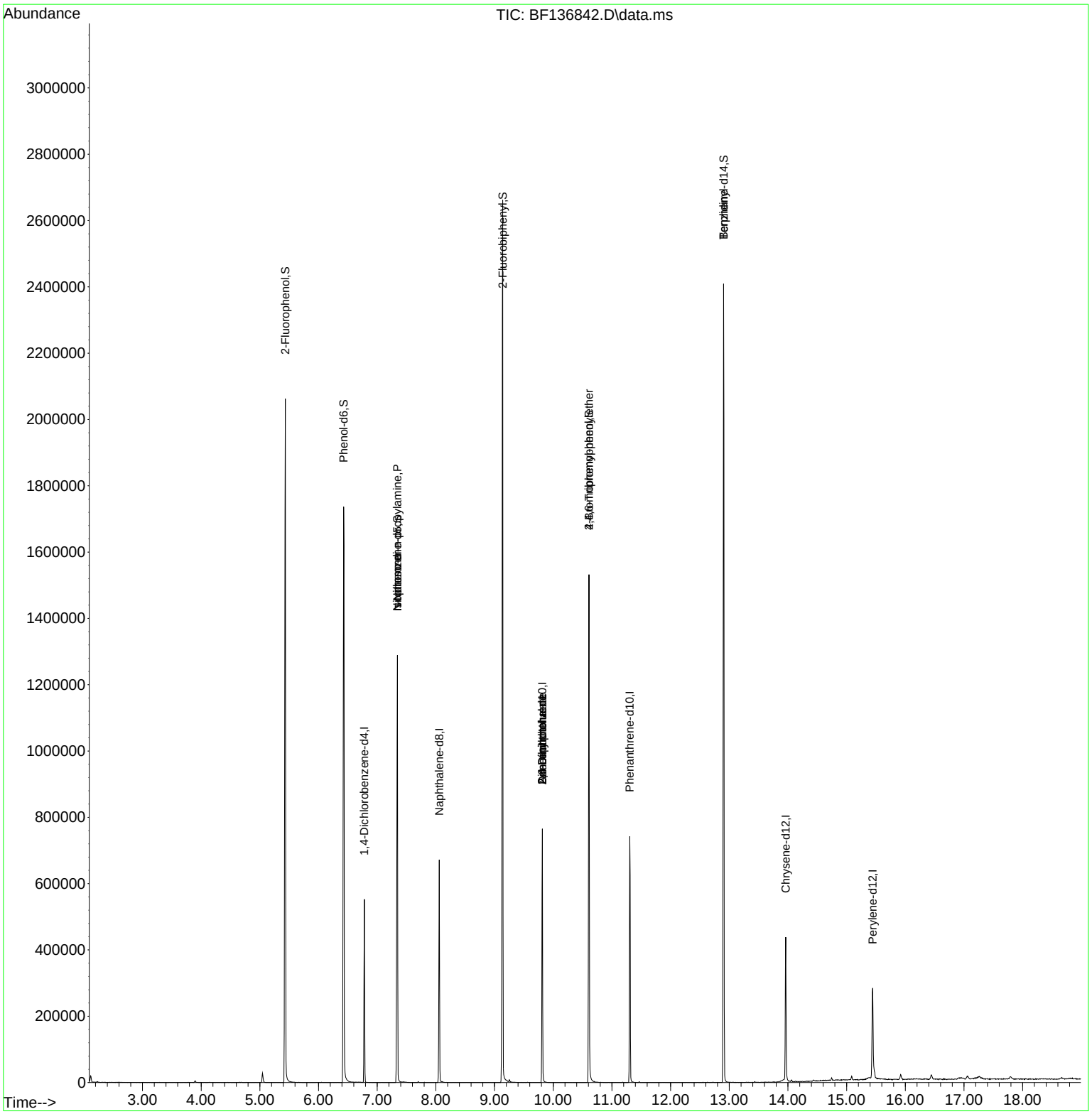
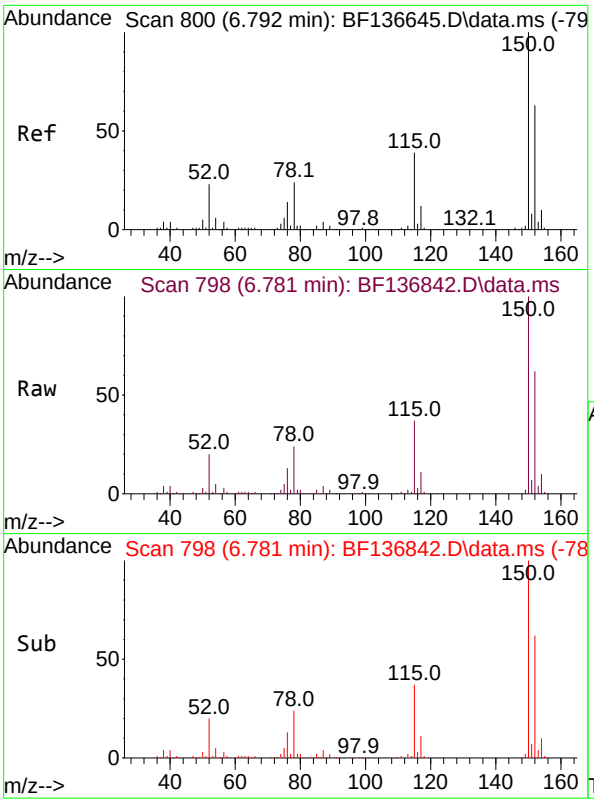
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration



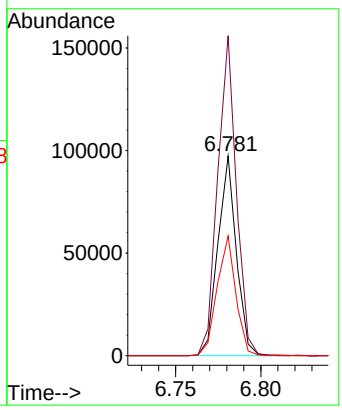


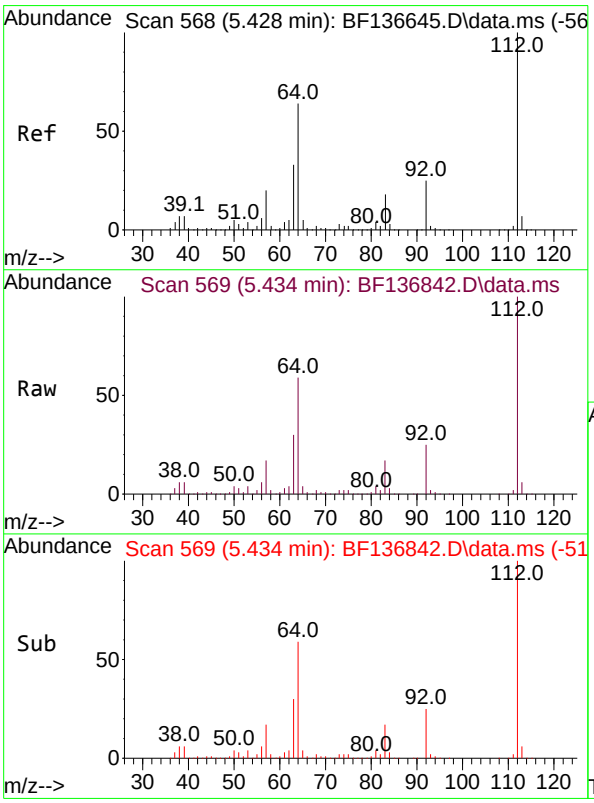
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion:152 Resp: 73620

Ion	Ratio	Lower	Upper
152	100		
150	160.4	127.0	190.6
115	60.0	49.0	73.4

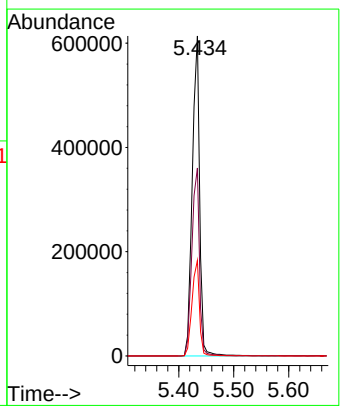


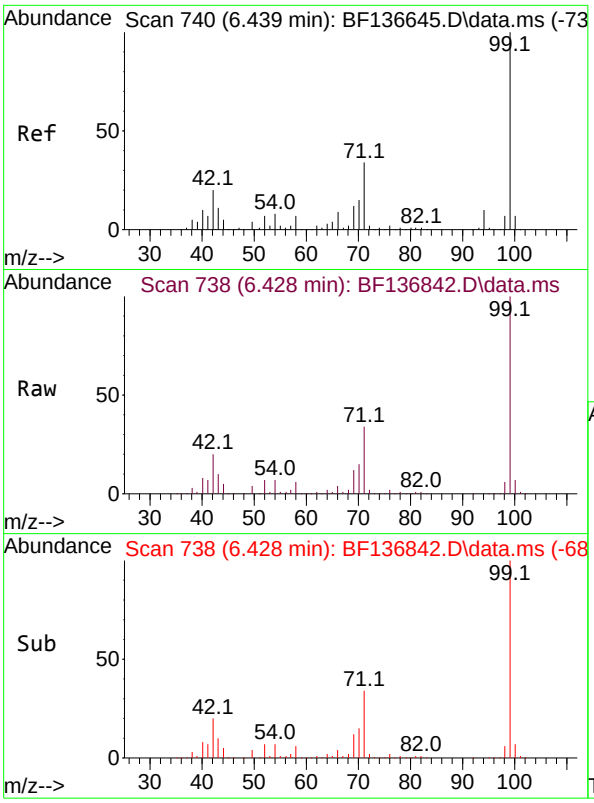


#5
2-Fluorophenol
Concen: 120.352 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion:112 Resp: 567864

Ion	Ratio	Lower	Upper
112	100		
64	58.7	51.1	76.7
63	29.9	26.1	39.1



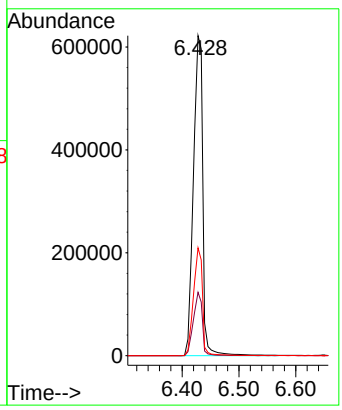


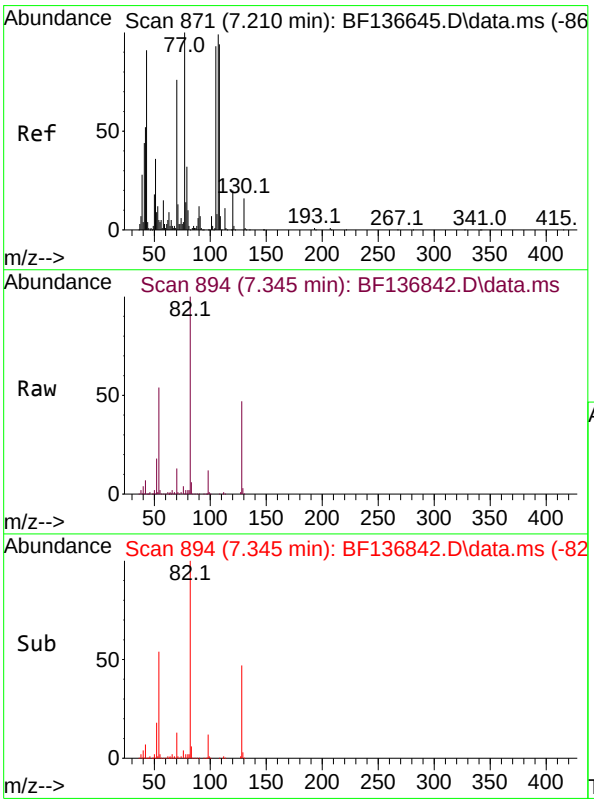
#7
Phenol-d6
Concen: 117.203 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion: 99 Resp: 716562

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.1	24.1
71	33.7	27.4	41.2

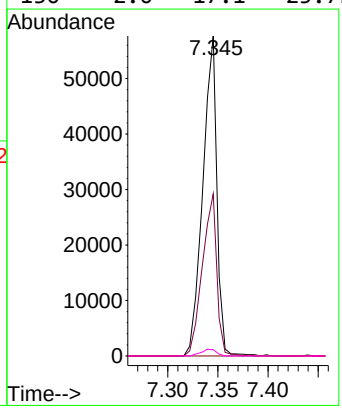


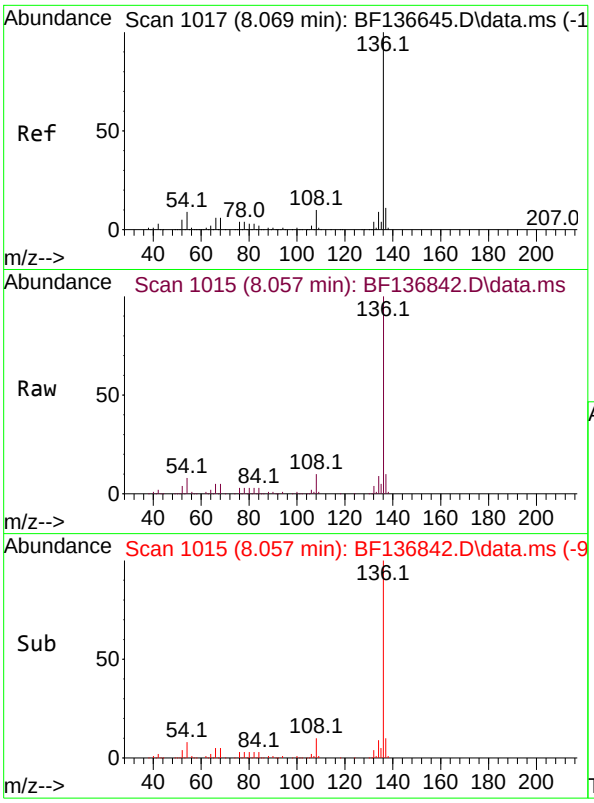


#19
n-Nitroso-di-n-propylamine
Concen: 15.255 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion: 70 Resp: 56538

Ion	Ratio	Lower	Upper
70	100		
42	50.7	54.2	81.4#
101	0.0	7.6	11.4#
130	2.0	17.1	25.7#



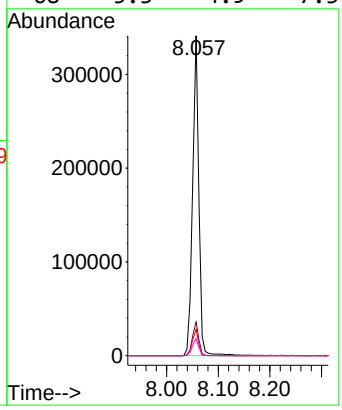


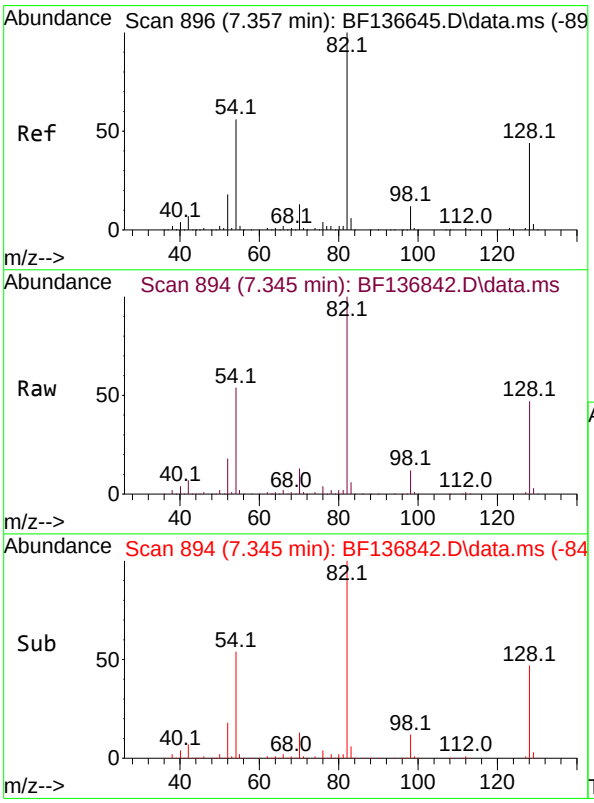
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion:136 Resp: 285792

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	8.3	7.2	10.8
68	5.3	4.9	7.3

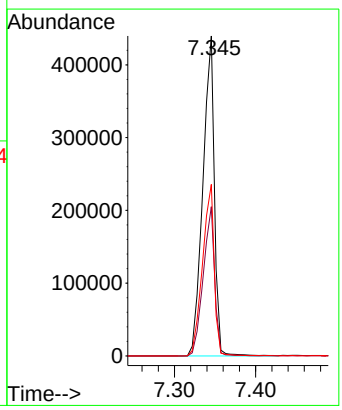


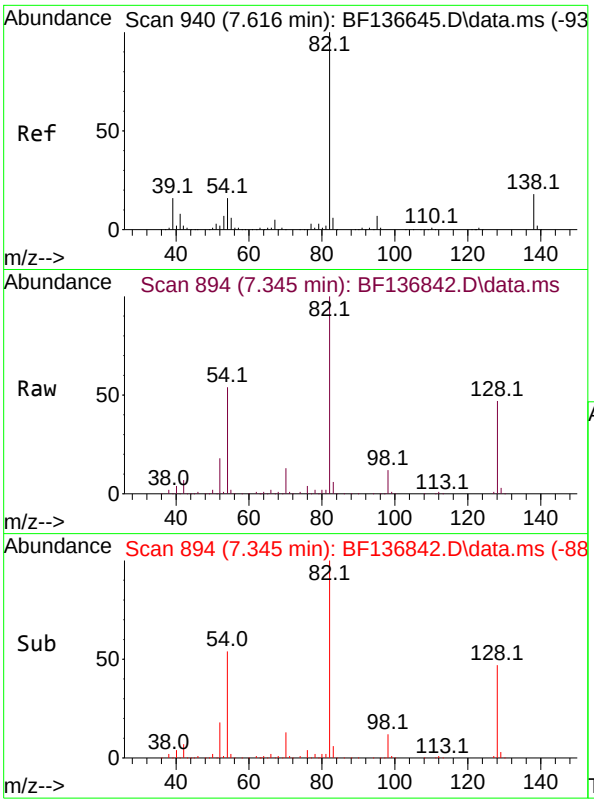


#23
Nitrobenzene-d5
Concen: 77.696 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion: 82 Resp: 433937

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.3	52.9
54	53.6	44.5	66.7



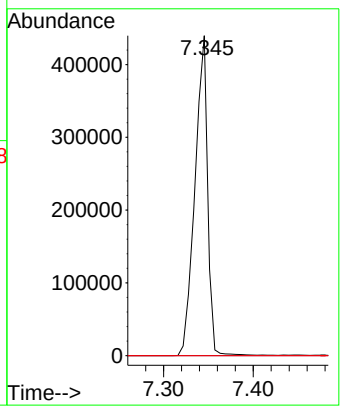


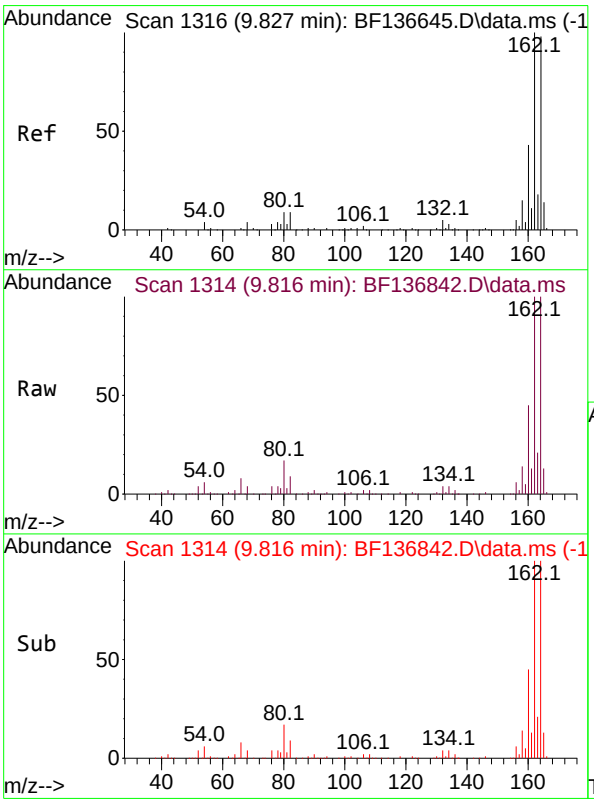
#25
Isophorone
Concen: 42.532 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion: 82 Resp: 432237

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

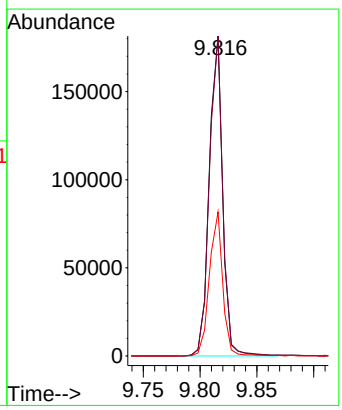


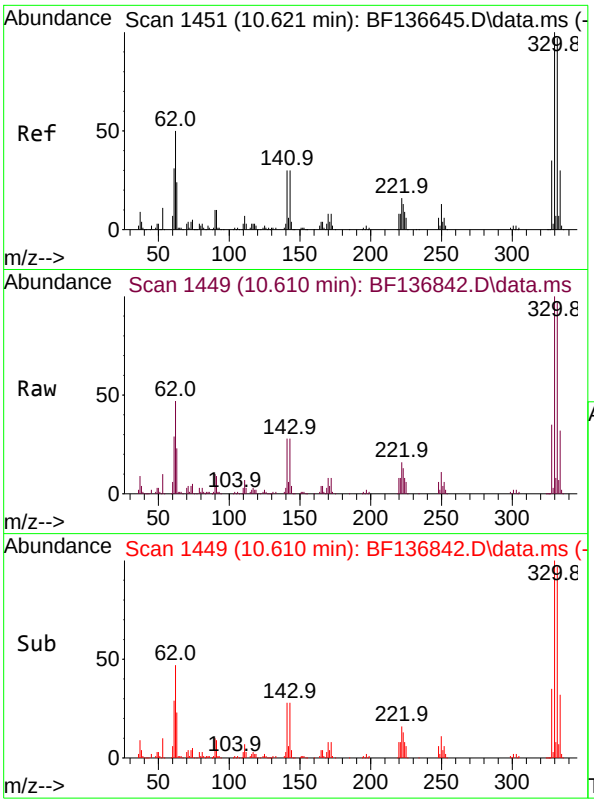


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion:164 Resp: 148335

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.6	122.4
160	45.0	34.9	52.3



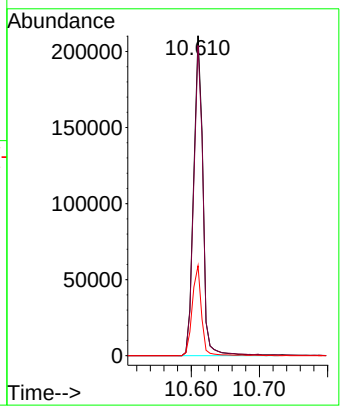


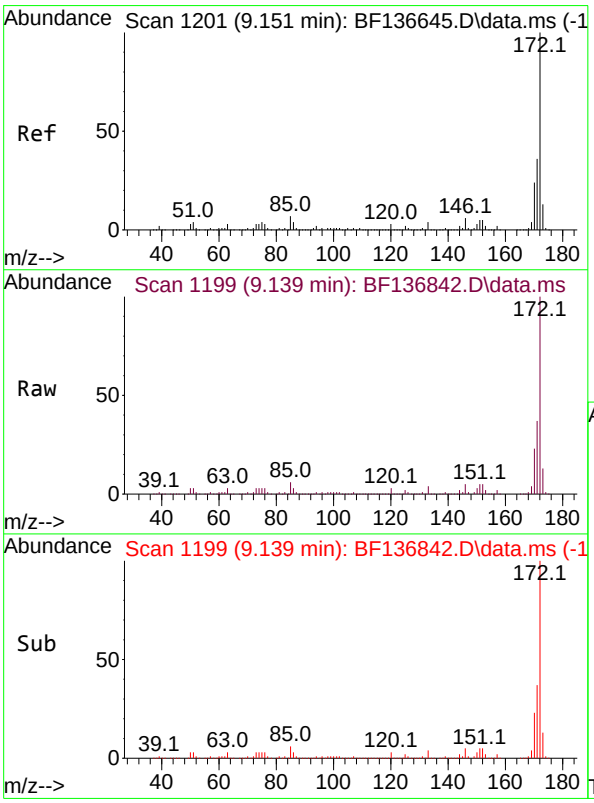
#42
2,4,6-Tribromophenol
Concen: 112.826 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion:330 Resp: 197104

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	27.9	23.4	35.2

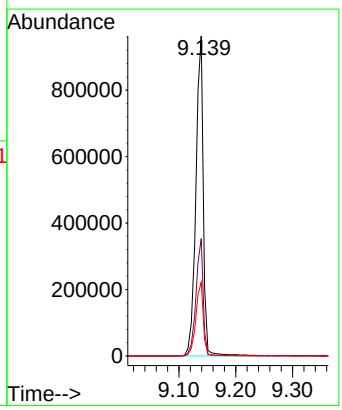


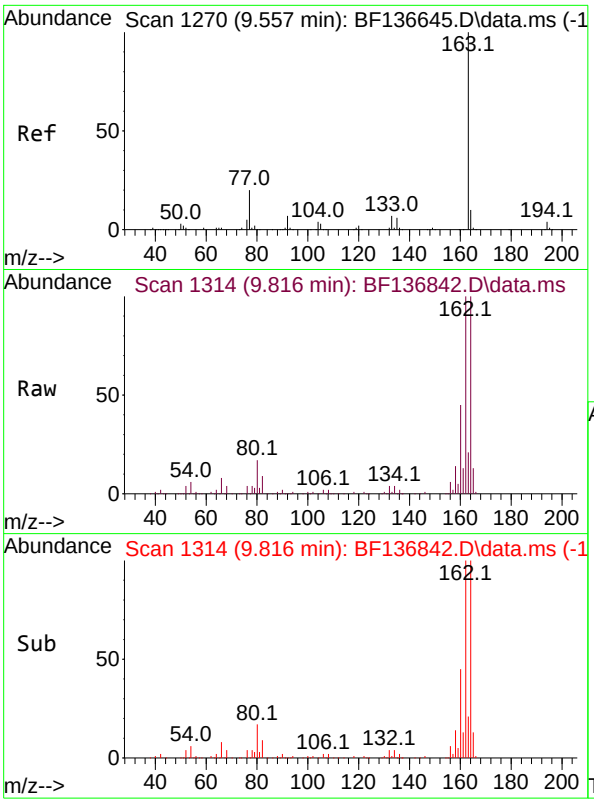


#45
2-Fluorobiphenyl
Concen: 80.315 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion:172 Resp: 885774

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	23.0	19.0	28.4



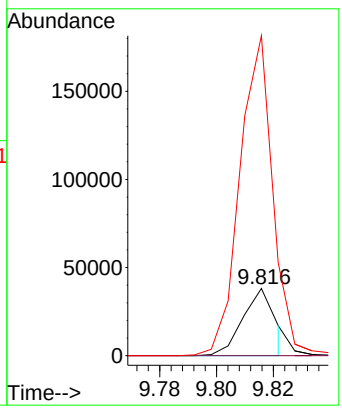


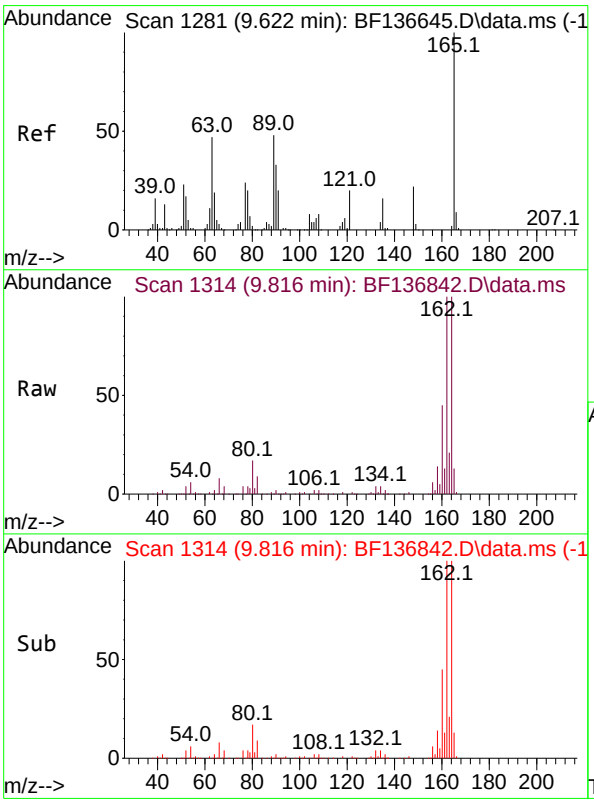
#50
Dimethylphthalate
Concen: 2.764 ng
RT: 9.816 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion:163 Resp: 29944

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	475.9	7.8	11.6#

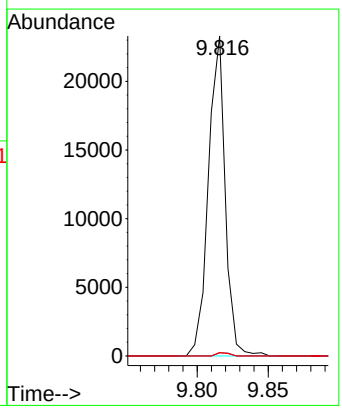


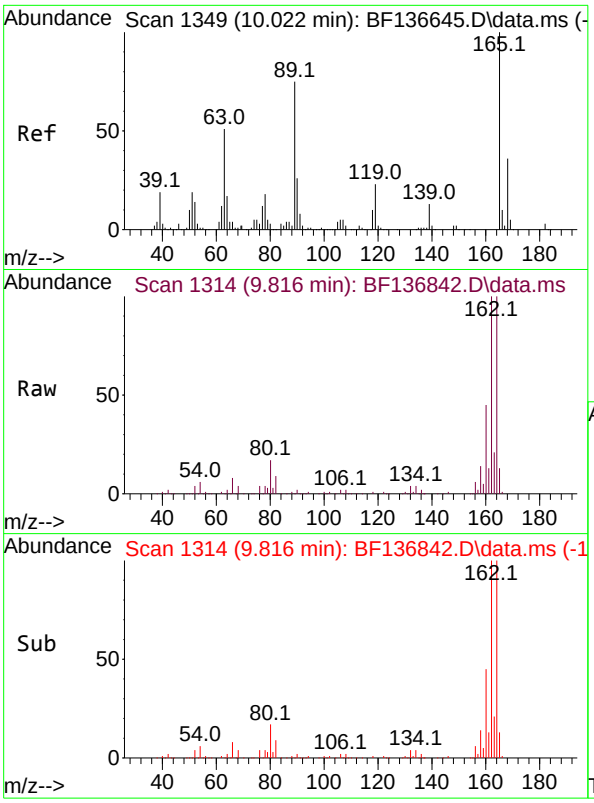


#51
2,6-Dinitrotoluene
Concen: 7.819 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion:165 Resp: 19226

Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.8	59.6#
89	1.1	38.8	58.2#



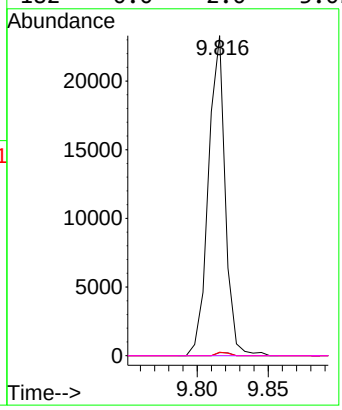


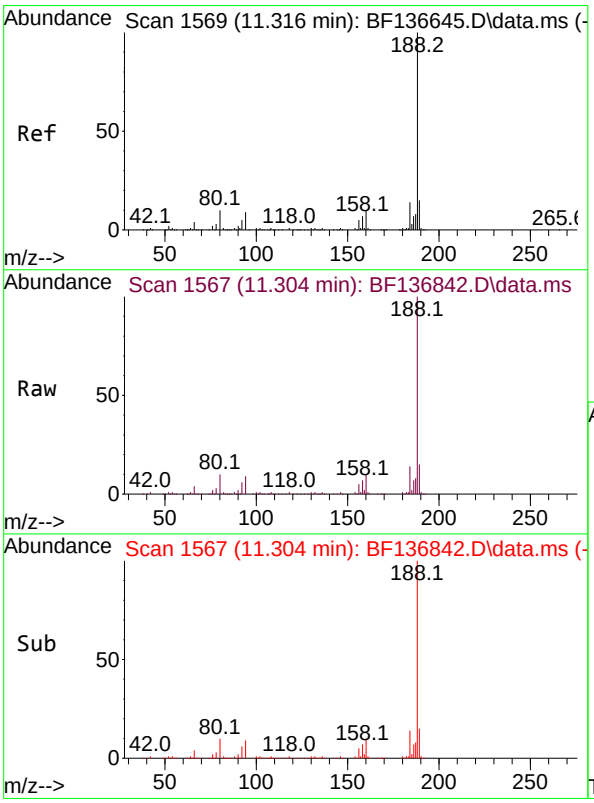
#57
2,4-Dinitrotoluene
Concen: 6.023 ng
RT: 9.816 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion:165 Resp: 19226

Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.0	61.6#
89	1.1	59.9	89.9#
182	0.0	2.0	3.0#

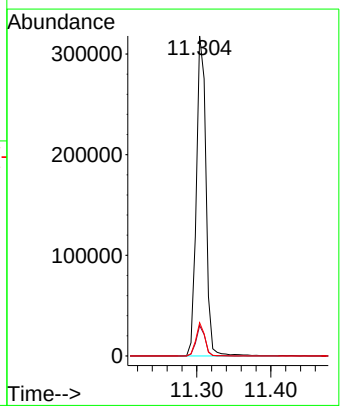


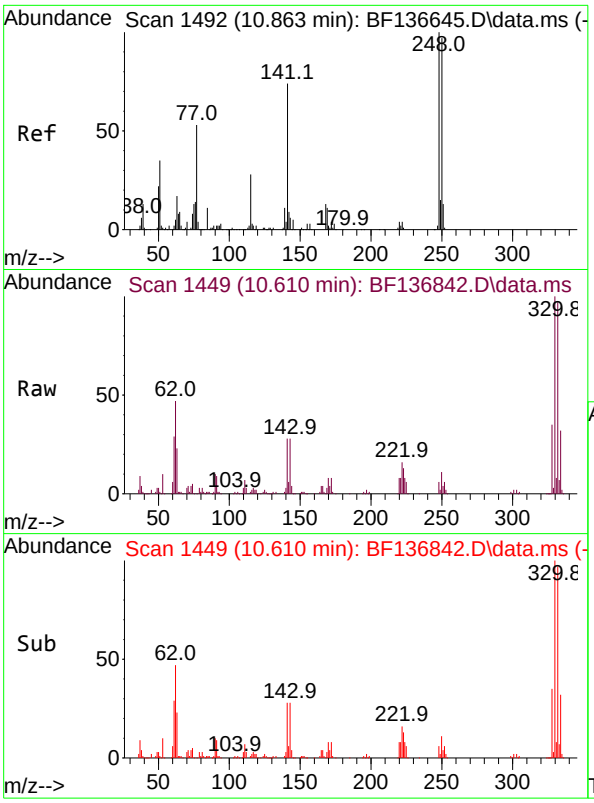


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion:188 Resp: 285079

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.4	8.1	12.1



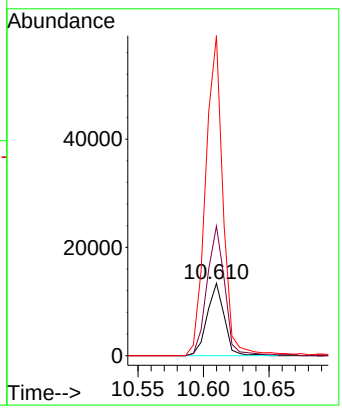


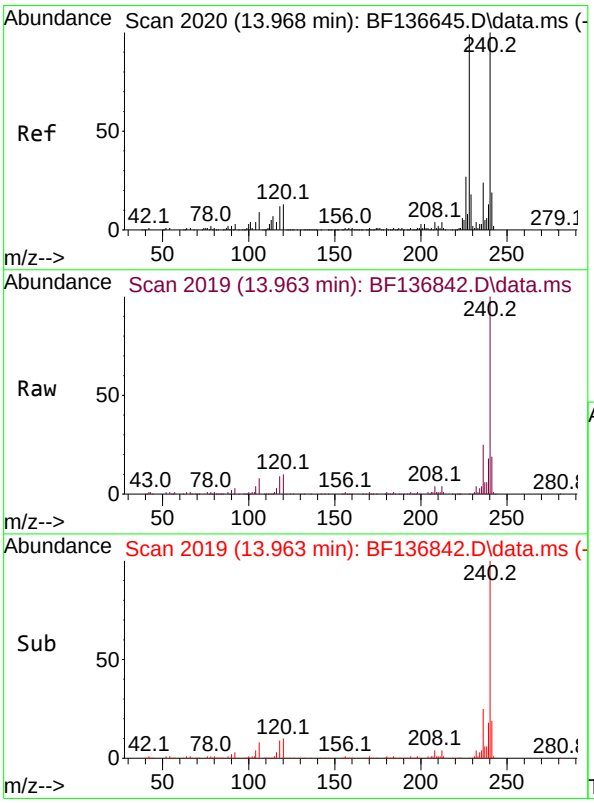
#67
4-Bromophenyl-phenylether
Concen: 3.840 ng
RT: 10.610 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion:248 Resp: 12158

Ion	Ratio	Lower	Upper
248	100		
250	179.2	77.8	116.6#
141	442.6	59.2	88.8#

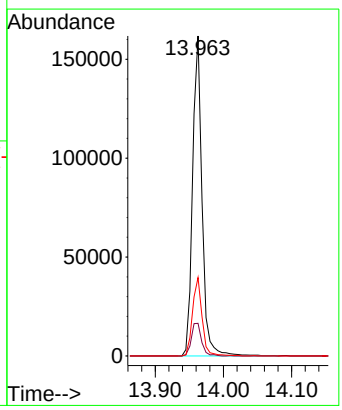


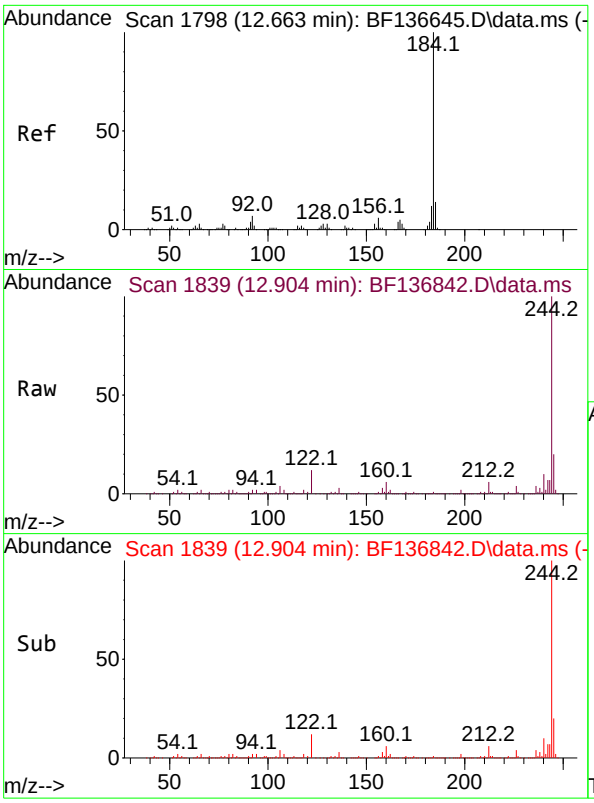


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion:240 Resp: 155726

Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.3	15.5#
236	24.5	19.4	29.2



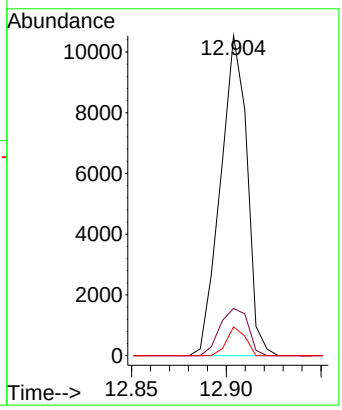


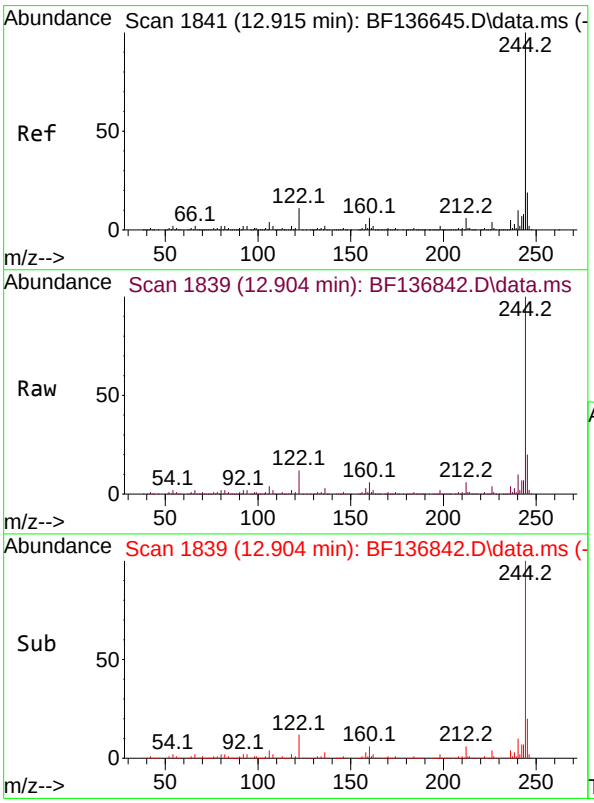
#77
Benzidine
Concen: 2.240 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.241 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion:184 Resp: 10285

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.2	16.8
183	9.0	9.3	13.9#

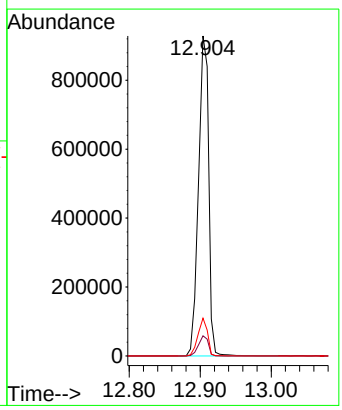


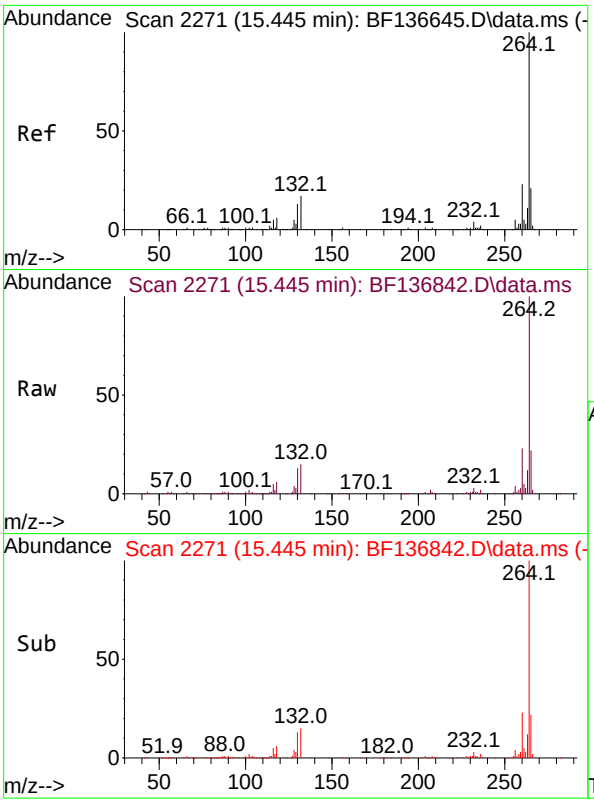


#79
Terphenyl-d14
Concen: 83.292 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion:244 Resp: 928157

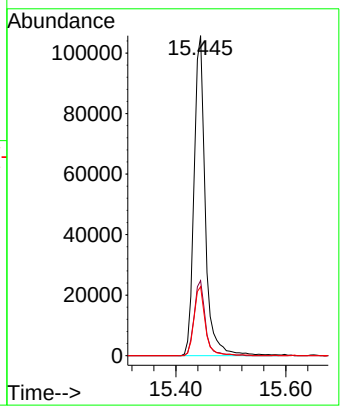
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	11.8	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Instrument :
BNA_F
ClientSampleId :
PB158107TB

Tgt Ion:264 Resp: 150230

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.6	17.0	25.6