Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136900.D
Acq On : 03 Jan 2024 10:46
Operator : CG\JU
Sample : PB157973BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Quant Time: Jan 03 11:12:45 2024
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	89988	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	357801	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	192717	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	395976	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	273619	20.000	ng	0.00
86) Perylene-d12	15.445	264	219974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	831725	144.211	ng	0.01
7) Phenol-d6	6.434	99	1078546	144.322	ng	0.00
23) Nitrobenzene-d5	7.345	82	675125	96.553	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	318165	140.181	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1298165	90.600	ng	-0.01
79) Terphenyl-d14	12.910	244	1646348	84.085	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	87629	19.343	ng	# 76
25) Isophorone	7.345	82	670207	52.676	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	24915	7.799	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	24915	6.008	ng	# 20
67) 4-Bromophenyl-phenylether	10.616	248	18722	4.257	ng	# 1
77) Benzidine	12.910	184	17739	2.199	ng	# 91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
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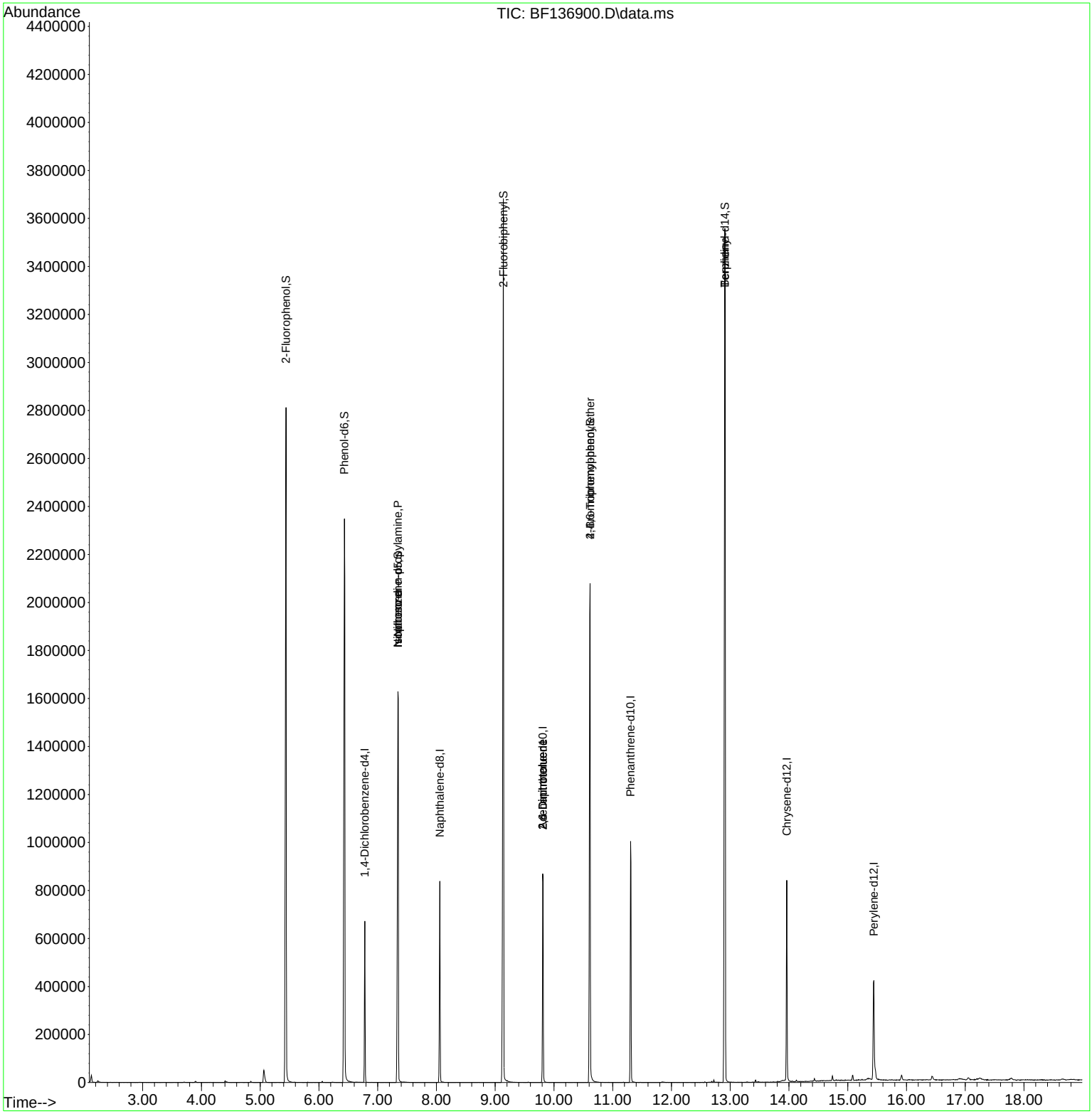
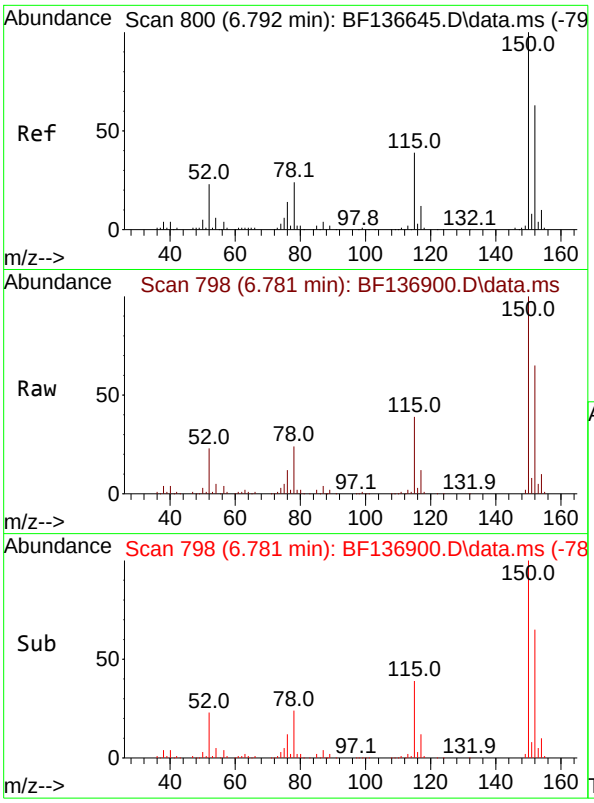


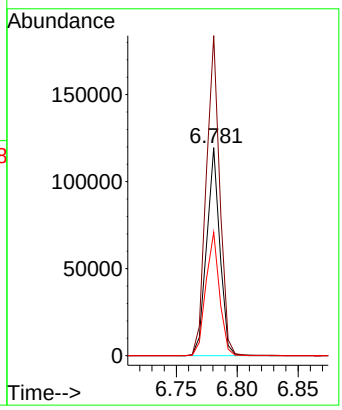


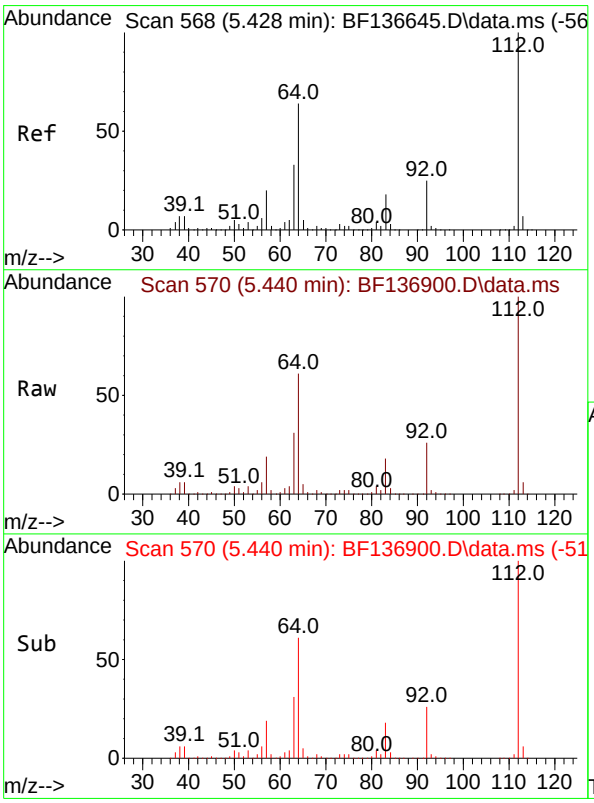
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion:152 Resp: 89988

Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.0	190.6
115	59.3	49.0	73.4

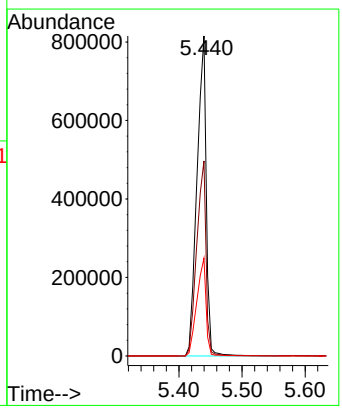


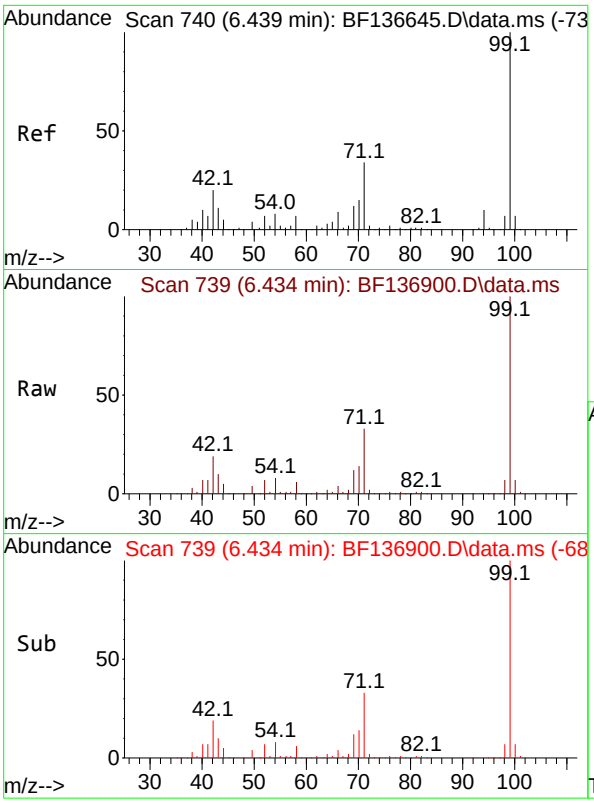


#5
2-Fluorophenol
Concen: 144.211 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion:112 Resp: 831725

Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.1	76.7
63	30.5	26.1	39.1



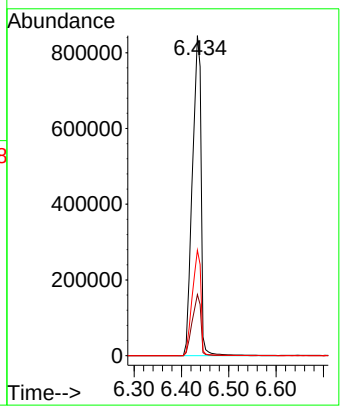


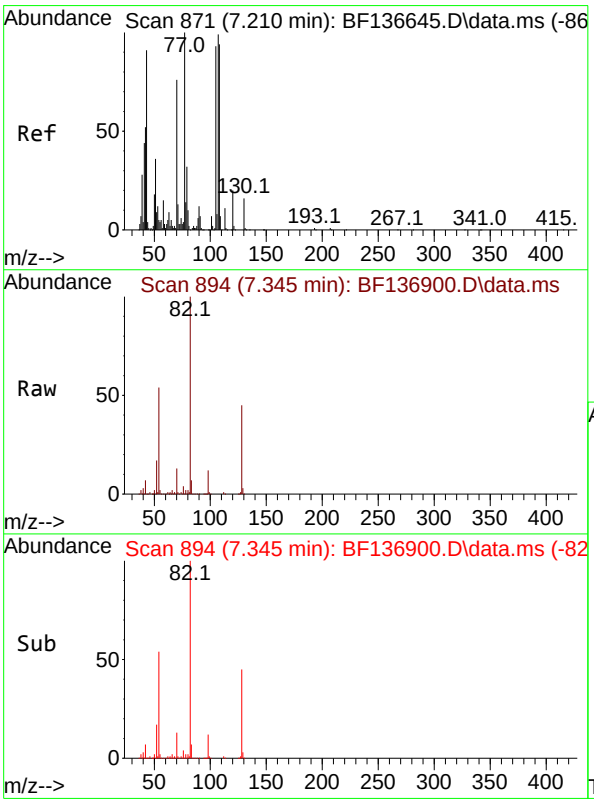
#7
Phenol-d6
Concen: 144.322 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion: 99 Resp: 1078546

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.1	24.1
71	32.9	27.4	41.2

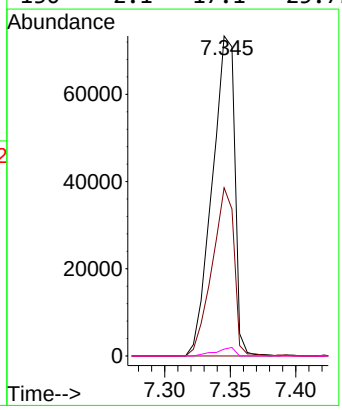


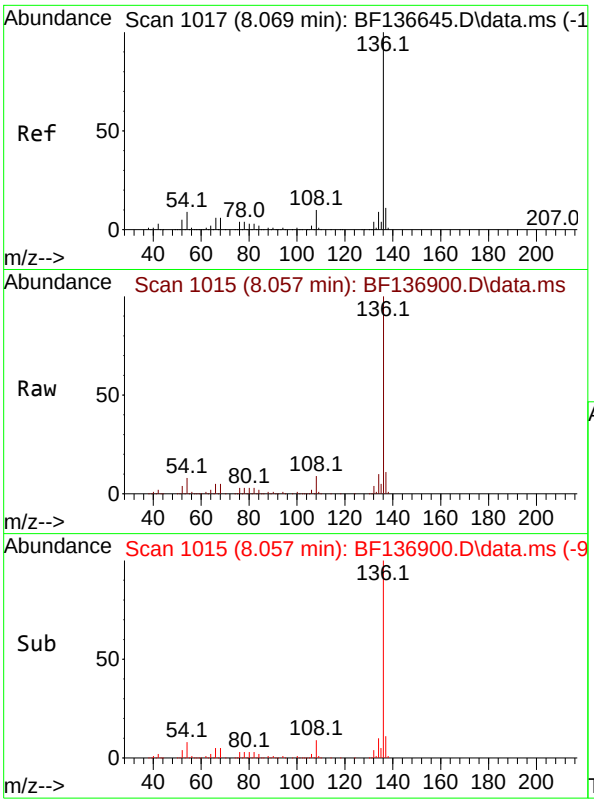


#19
n-Nitroso-di-n-propylamine
Concen: 19.343 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion: 70 Resp: 87629

Ion	Ratio	Lower	Upper
70	100		
42	52.5	54.2	81.4#
101	0.0	7.6	11.4#
130	2.1	17.1	25.7#



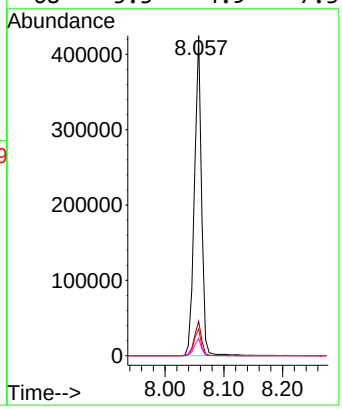


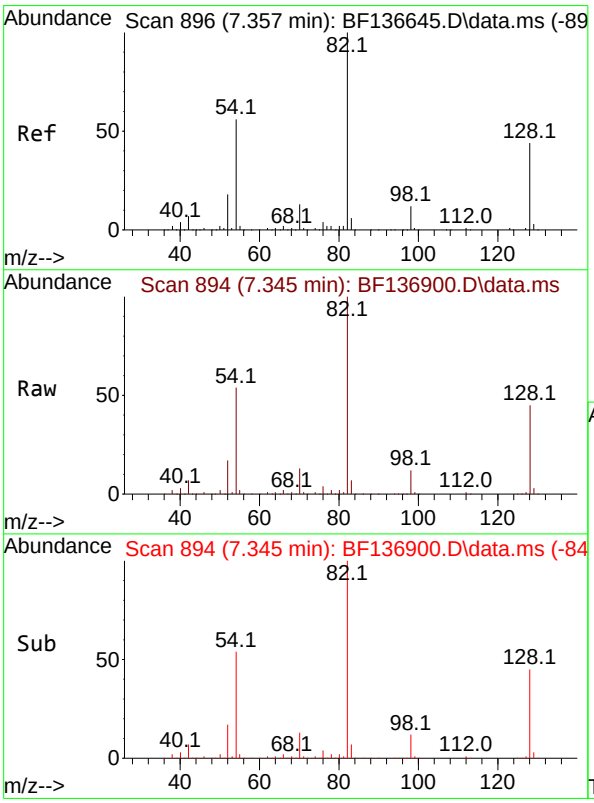
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion:136 Resp: 357801

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.4	7.2	10.8
68	5.3	4.9	7.3

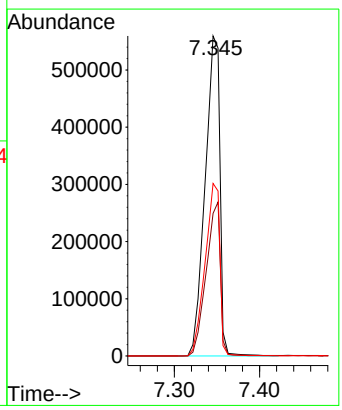


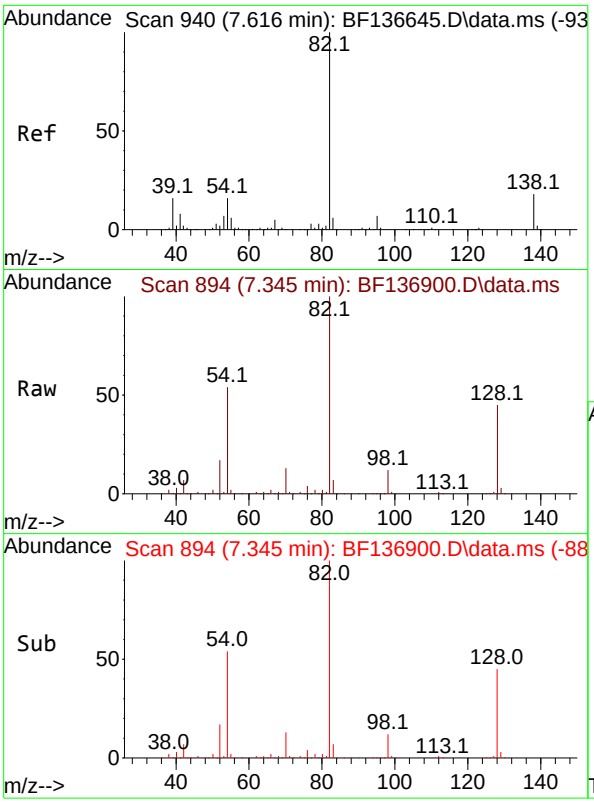


#23
Nitrobenzene-d5
Concen: 96.553 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion: 82 Resp: 675125

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	53.9	44.5	66.7



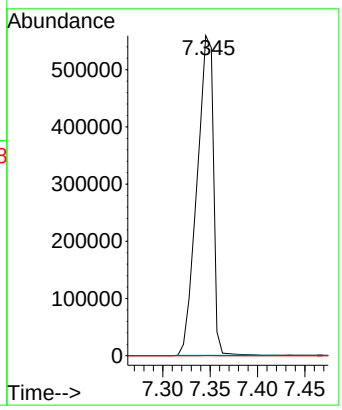


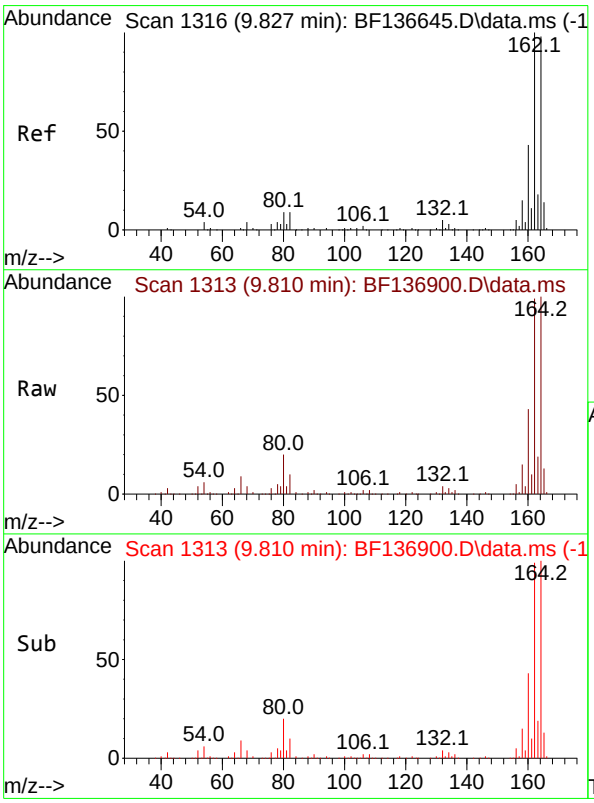
#25
Isophorone
Concen: 52.676 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion: 82 Resp: 670207

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

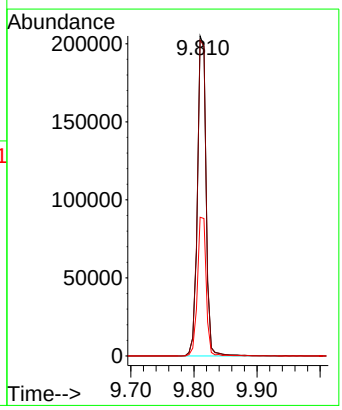


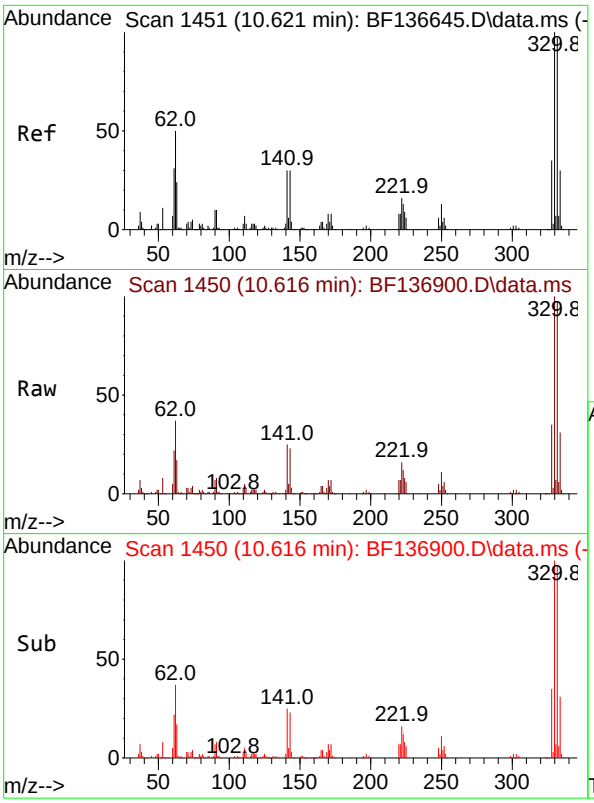


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion:164 Resp: 192717

Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.6	122.4
160	43.3	34.9	52.3



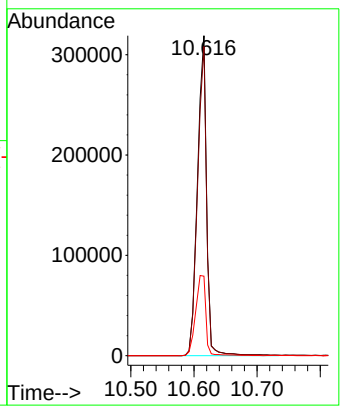


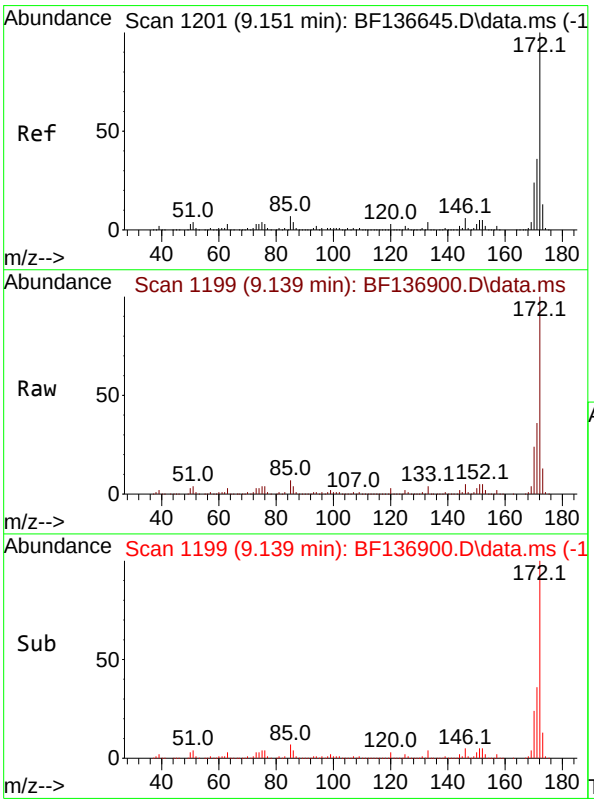
#42
2,4,6-Tribromophenol
Concen: 140.181 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion:330 Resp: 318165

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	28.2	23.4	35.2

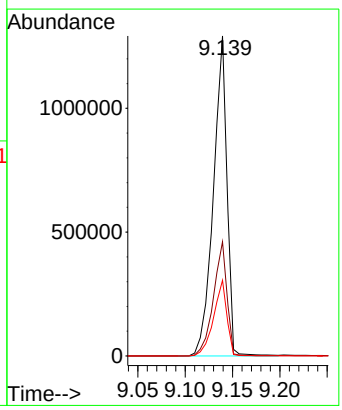


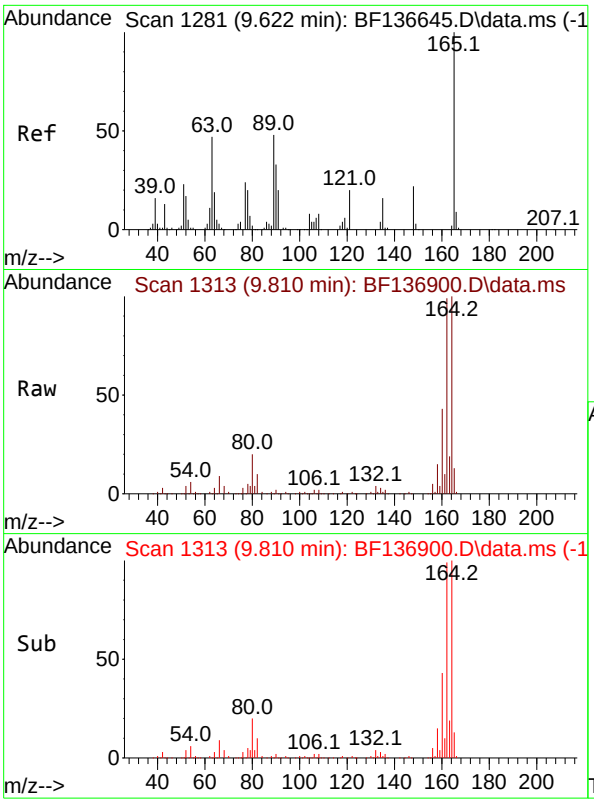


#45
2-Fluorobiphenyl
Concen: 90.600 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion:172 Resp: 1298165

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.7	19.0	28.4



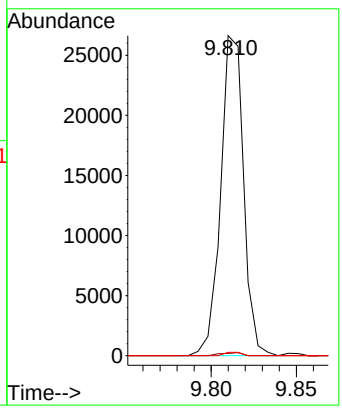


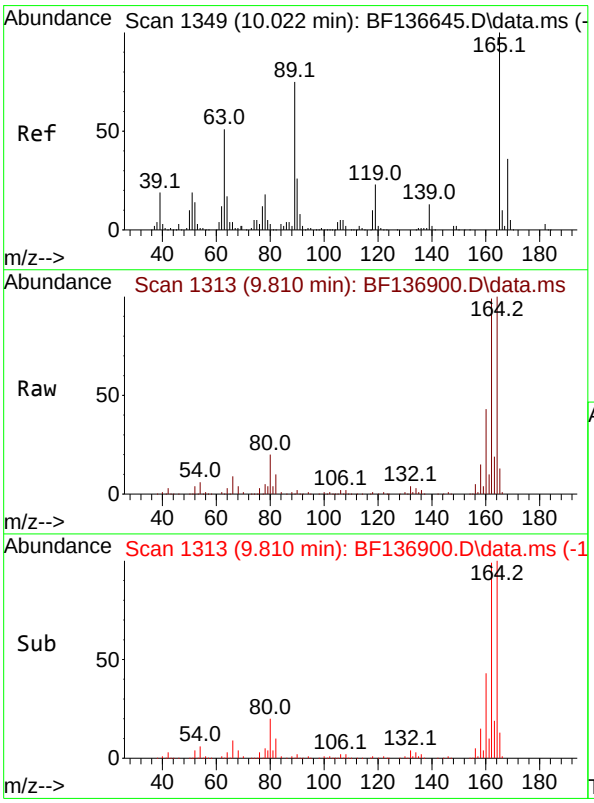
#51
2,6-Dinitrotoluene
Concen: 7.799 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.188 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion:165 Resp: 24915

Ion	Ratio	Lower	Upper
165	100		
63	0.7	39.8	59.6#
89	1.1	38.8	58.2#

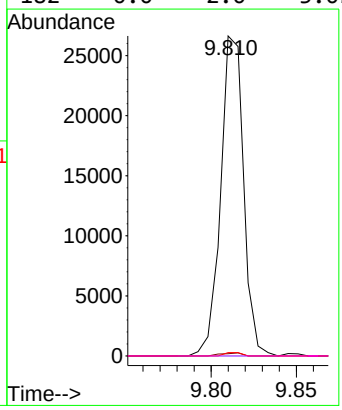


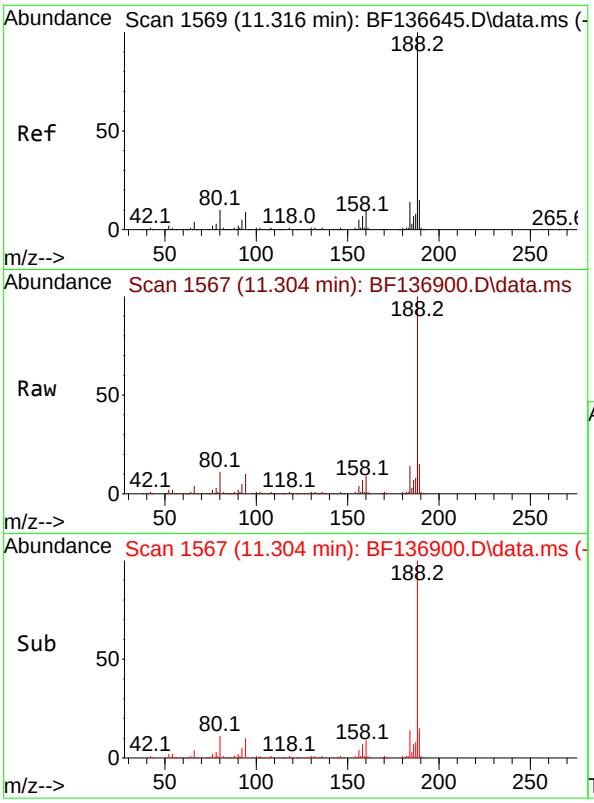


#57
2,4-Dinitrotoluene
Concen: 6.008 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion:165 Resp: 24915

Ion	Ratio	Lower	Upper
165	100		
63	0.7	41.0	61.6#
89	1.1	59.9	89.9#
182	0.0	2.0	3.0#



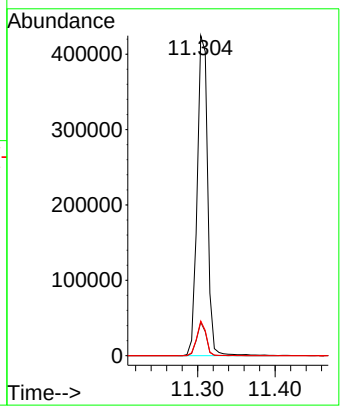


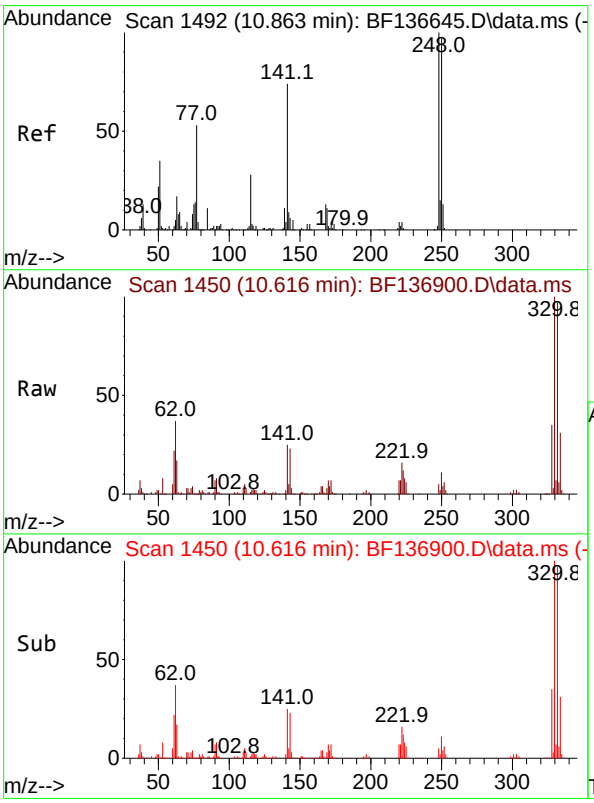
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion:188 Resp: 395976

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.5	11.3
80	10.8	8.1	12.1

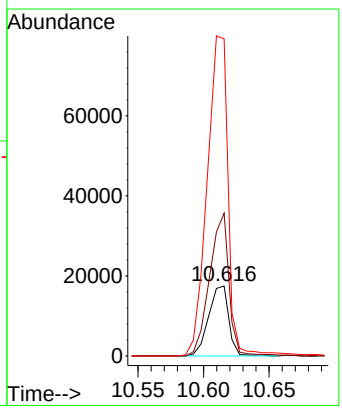


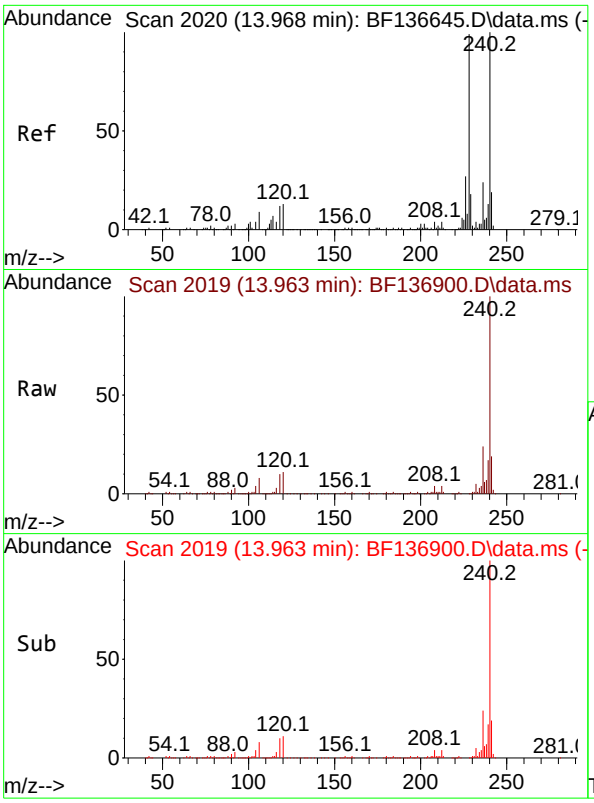


#67
4-Bromophenyl-phenylether
Concen: 4.257 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion:248 Resp: 18722

Ion	Ratio	Lower	Upper
248	100		
250	204.1	77.8	116.6#
141	453.3	59.2	88.8#



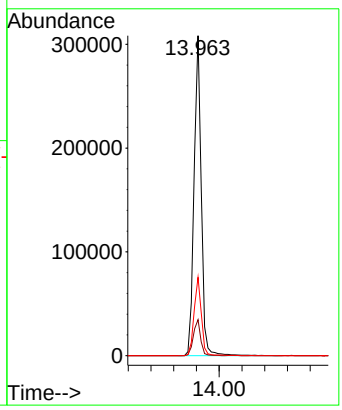


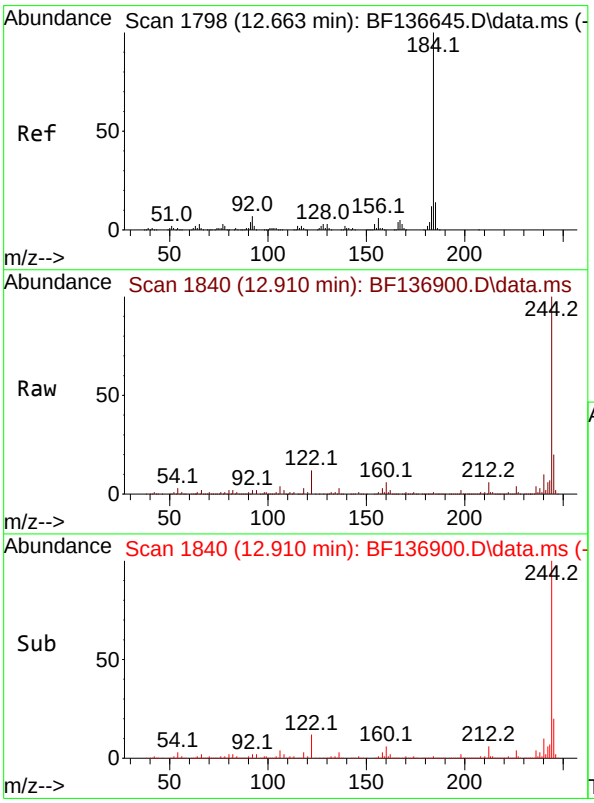
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion:240 Resp: 273619

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.3	15.5
236	24.5	19.4	29.2

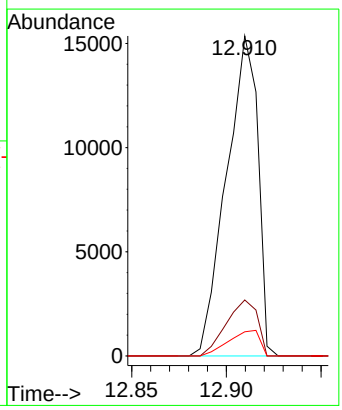


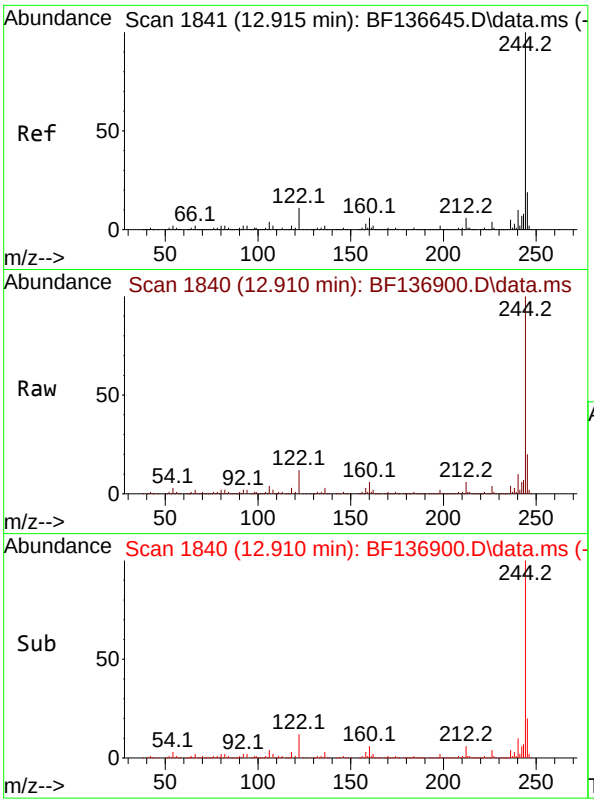


#77
Benzidine
Concen: 2.199 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion:184 Resp: 17739

Ion	Ratio	Lower	Upper
184	100		
185	17.5	11.2	16.8#
183	7.5	9.3	13.9#



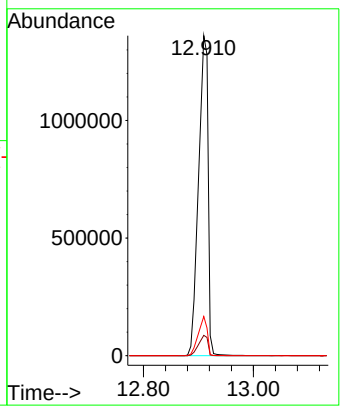


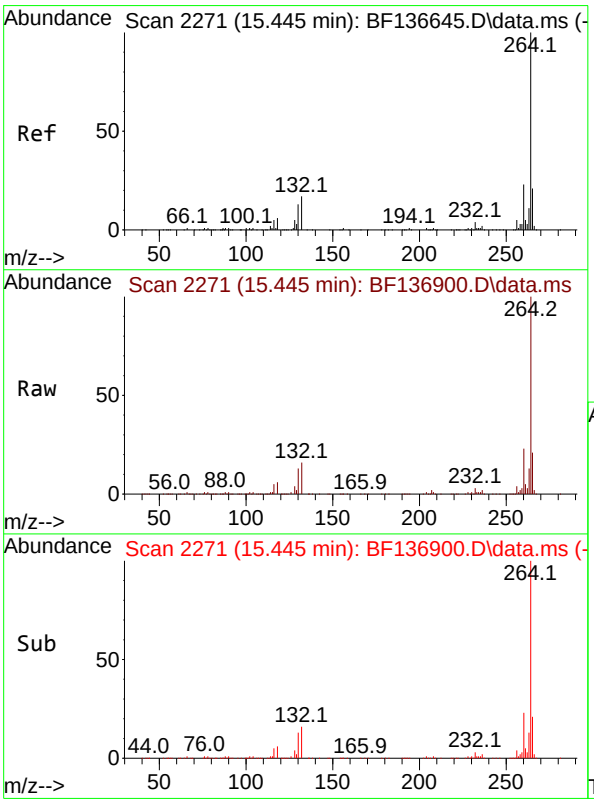
#79
Terphenyl-d14
Concen: 84.085 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF136900.D
Acq: 03 Jan 2024 10:46

Instrument :
BNA_F
ClientSampleId :
PB157973BL

Tgt Ion:244 Resp: 1646348

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	12.3	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: BF136900.D
Acq: 03 Jan 2024 10:46

Tgt Ion:264 Resp: 219974

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.1	17.0	25.6