Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141250.D
Acq On : 23 Jan 2025 15:22
Operator : RC/JU
Sample : Q1140-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Quant Time: Jan 23 15:50:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	139823	20.000	ng		-0.02
21) Naphthalene-d8	8.087	136	549310	20.000	ng		-0.02
39) Acenaphthene-d10	9.839	164	286813	20.000	ng		-0.02
64) Phenanthrene-d10	11.327	188	445649	20.000	ng		-0.02
76) Chrysene-d12	13.980	240	309487	20.000	ng		0.00
86) Perylene-d12	15.463	264	346093	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	264763	29.252	ng		-0.02
7) Phenol-d6	6.422	99	216103	18.849	ng		-0.02
23) Nitrobenzene-d5	7.363	82	859630	82.954	ng		-0.02
42) 2,4,6-Tribromophenol	10.633	330	278031	85.076	ng		-0.02
45) 2-Fluorobiphenyl	9.163	172	1614078	85.936	ng		-0.02
79) Terphenyl-d14	12.922	244	1441555	69.230	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	3.287	79	30636	3.100	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	114740	16.989	ng	#	76
25) Isophorone	7.363	82	854972	48.278	ng	#	65
57) 2,4-Dinitrotoluene	9.839	165	38272	6.632	ng	#	27
63) Azobenzene	10.557	77	83217	4.487	ng	#	1
77) Benzidine	12.922	184	18525	3.228	ng	#	84

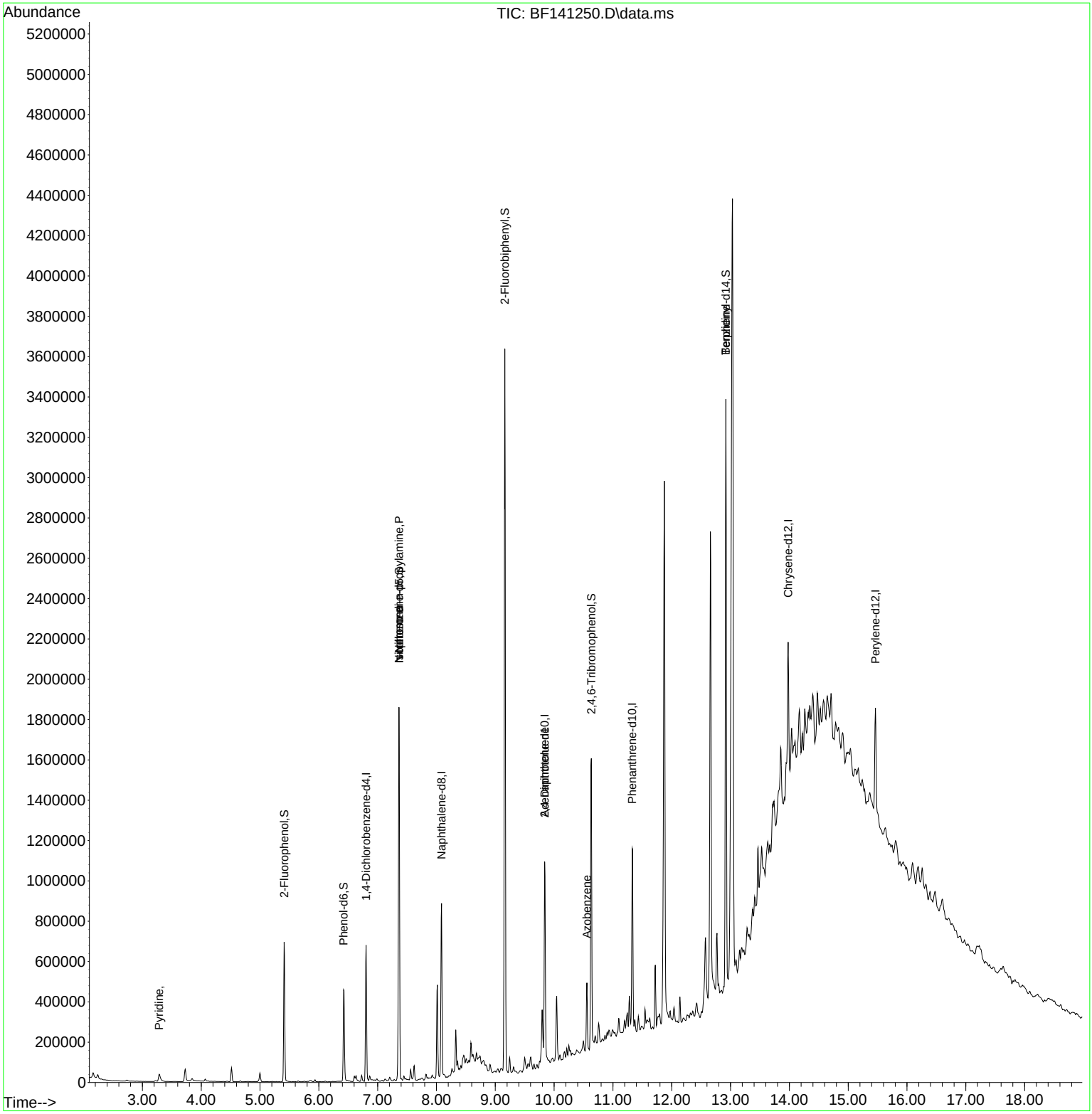
(#) = qualifier out of range (m) = manual integration (+) = signals summed

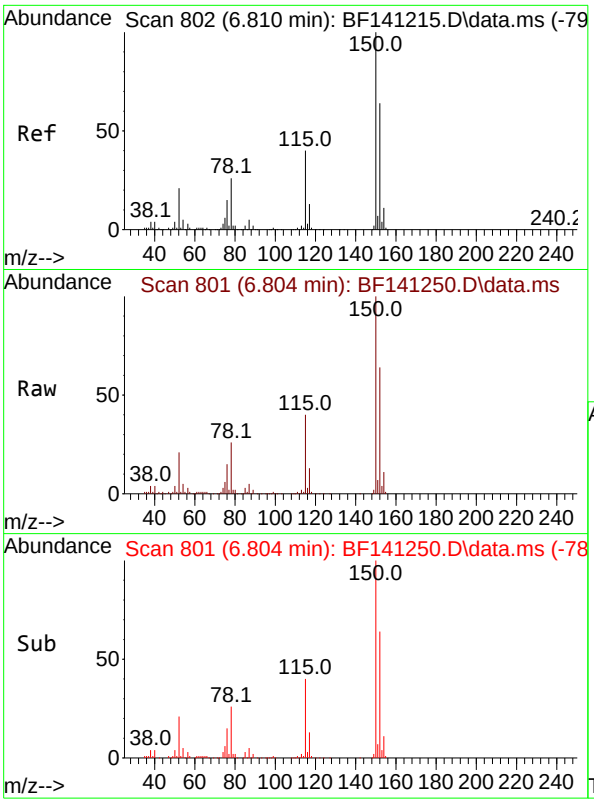
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141250.D
Acq On : 23 Jan 2025 15:22
Operator : RC/JU
Sample : Q1140-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Quant Time: Jan 23 15:50:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



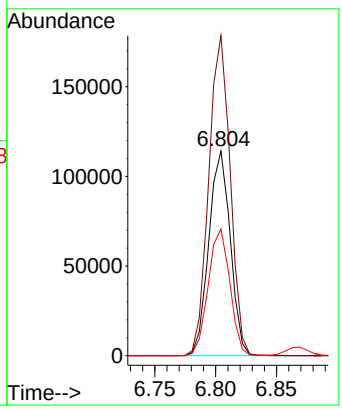


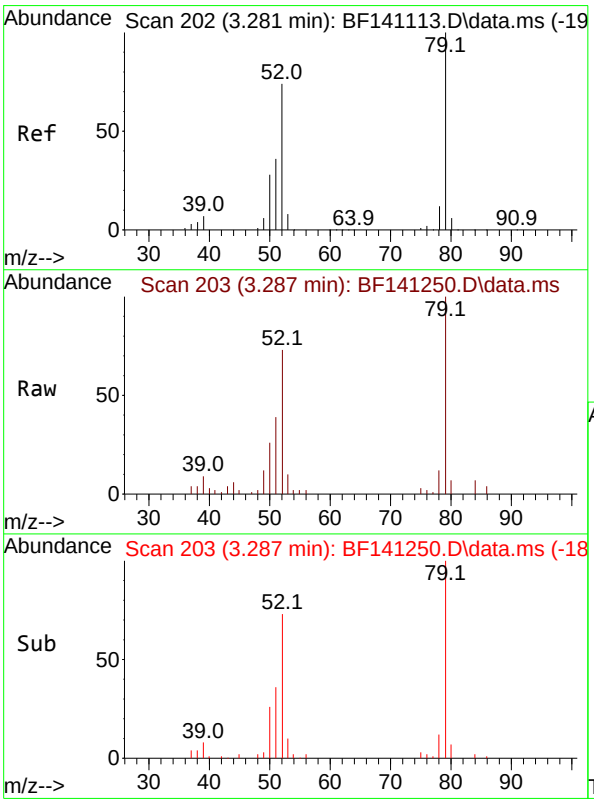
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion:152 Resp: 139823

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.8	188.8
115	61.9	51.4	77.2

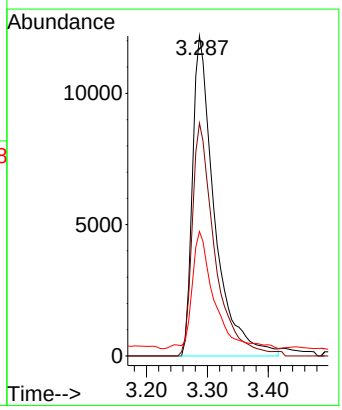


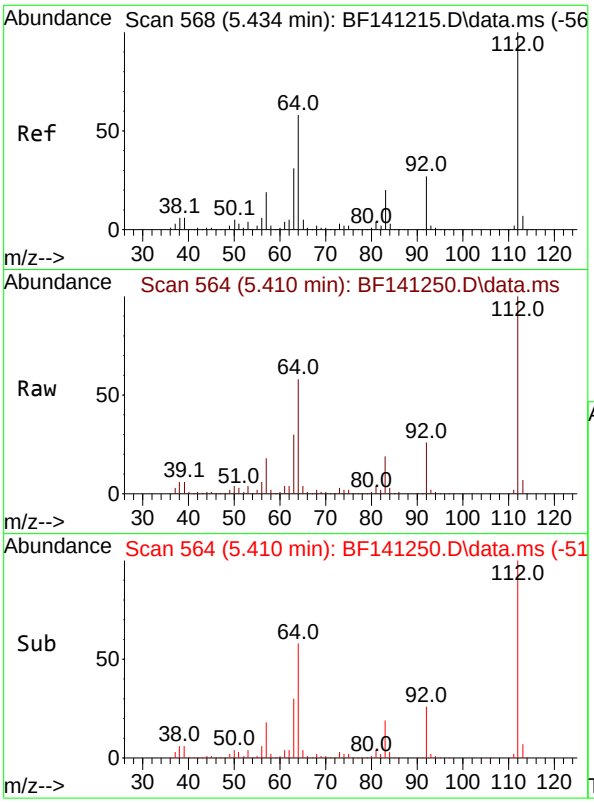


#3
Pyridine
Concen: 3.100 ng
RT: 3.287 min Scan# 203
Delta R.T. 0.006 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion: 79 Resp: 30636

Ion	Ratio	Lower	Upper
79	100		
52	72.7	58.9	88.3
51	38.9	29.1	43.7



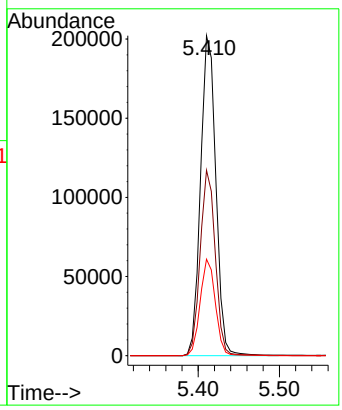


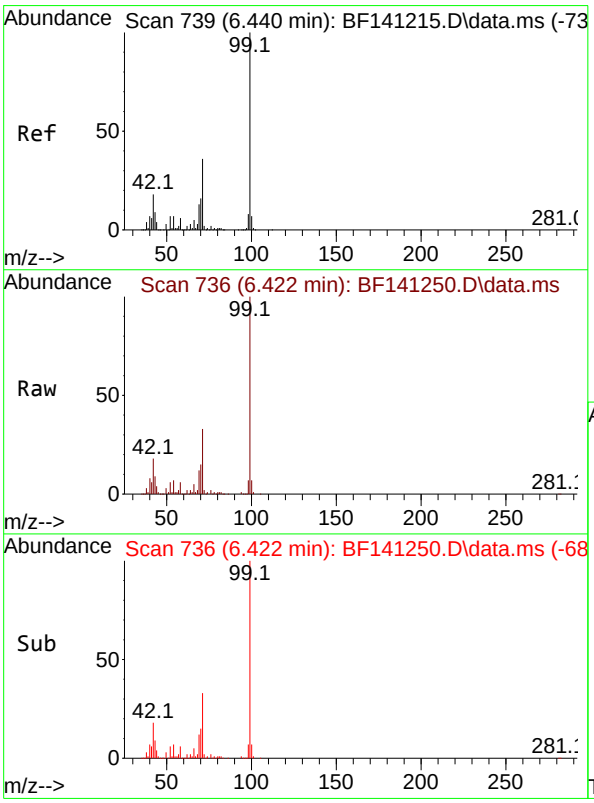
#5
2-Fluorophenol
Concen: 29.252 ng
RT: 5.410 min Scan# 5
Delta R.T. -0.018 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion:112 Resp: 264763

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.3	70.9
63	30.2	24.2	36.2

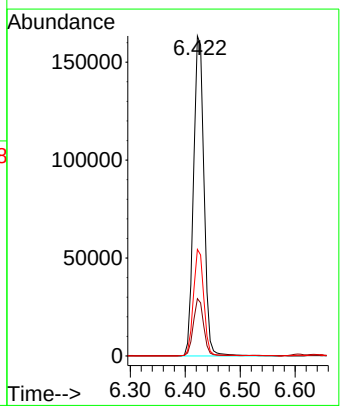


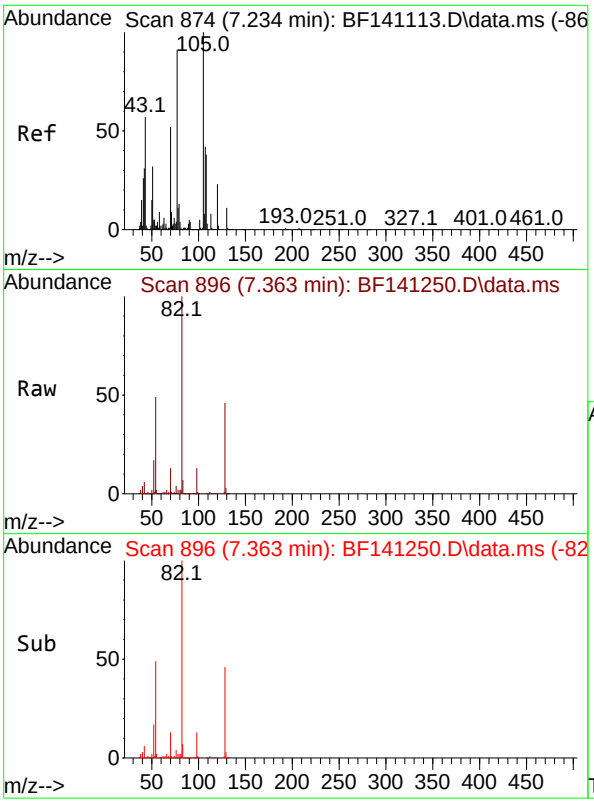


#7
Phenol-d6
Concen: 18.849 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.024 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion: 99 Resp: 216103

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	33.3	27.6	41.4



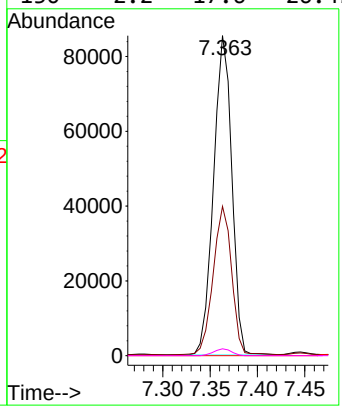


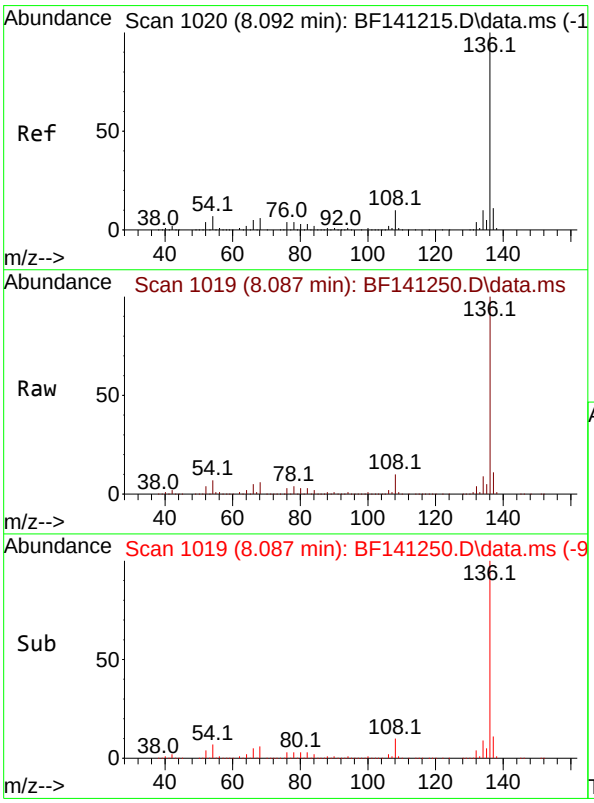
#19
n-Nitroso-di-n-propylamine
Concen: 16.989 ng
RT: 7.363 min Scan# 8
Delta R.T. 0.129 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion: 70 Resp: 114740

Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.8	71.6#
101	0.0	7.9	11.9#
130	2.2	17.6	26.4#

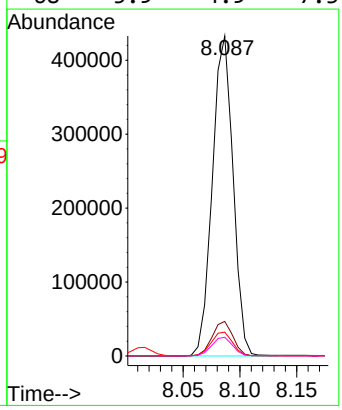


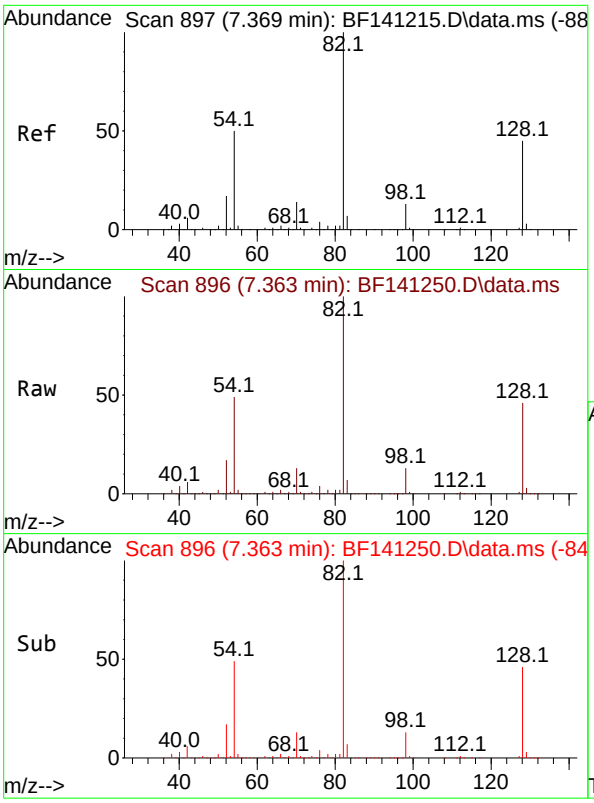


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion:136 Resp: 549310

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.3	9.5
68	5.9	4.9	7.3



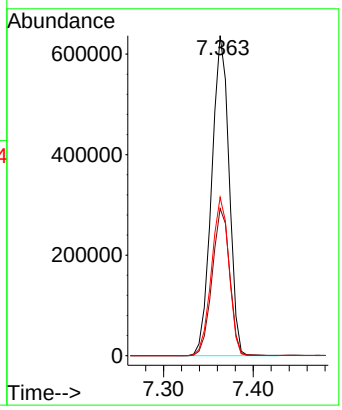


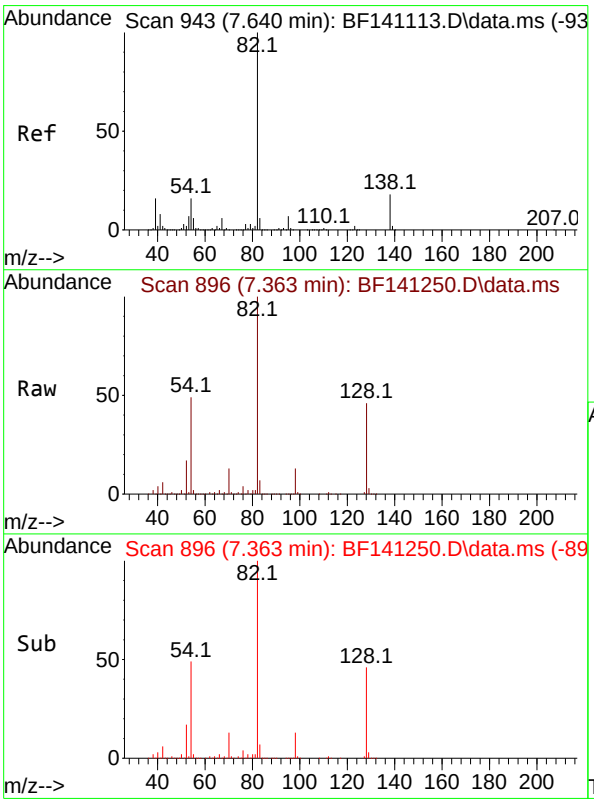
#23
Nitrobenzene-d5
Concen: 82.954 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.024 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion: 82 Resp: 859630

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	49.5	41.0	61.4

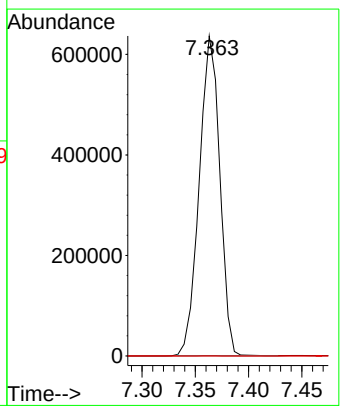


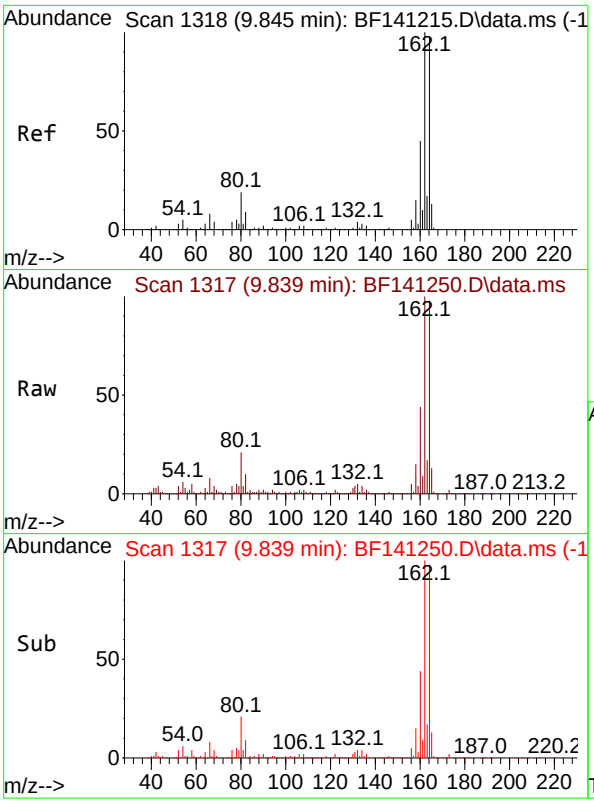


#25
Isophorone
Concen: 48.278 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.276 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion: 82 Resp: 854972

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	14.2	21.2#



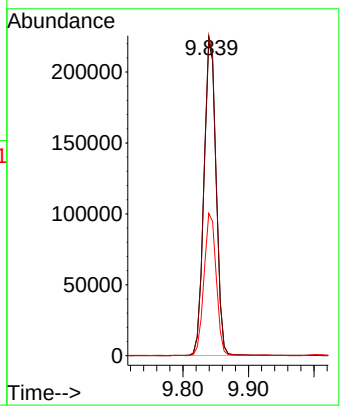


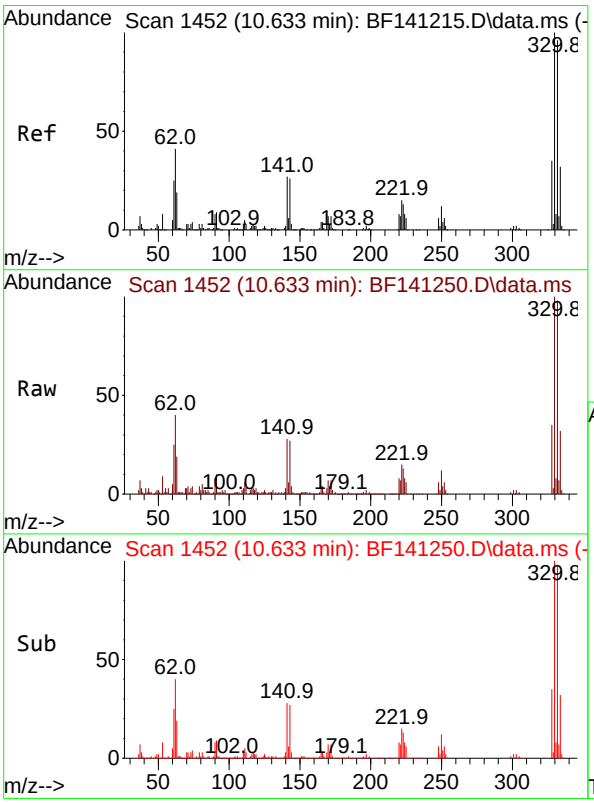
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion:164 Resp: 286813

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.0	121.4
160	45.3	36.1	54.1

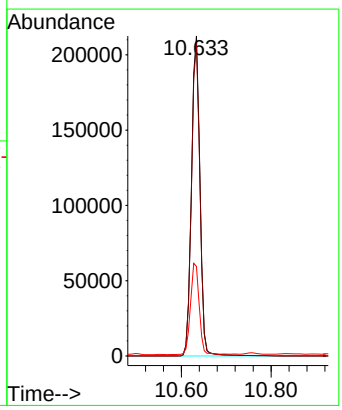


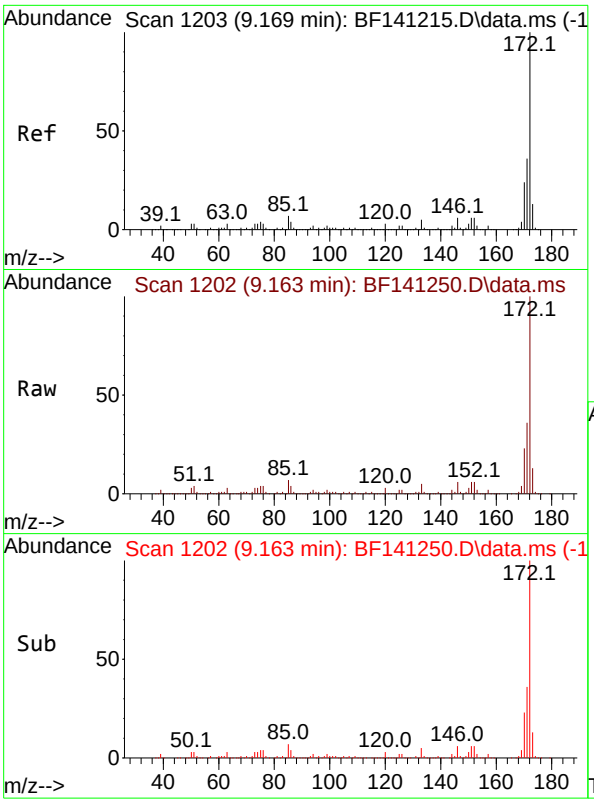


#42
2,4,6-Tribromophenol
Concen: 85.076 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion:330 Resp: 278031

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	29.3	25.2	37.8



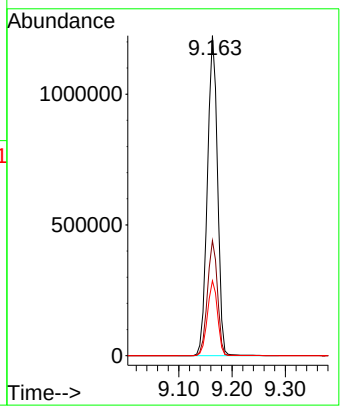


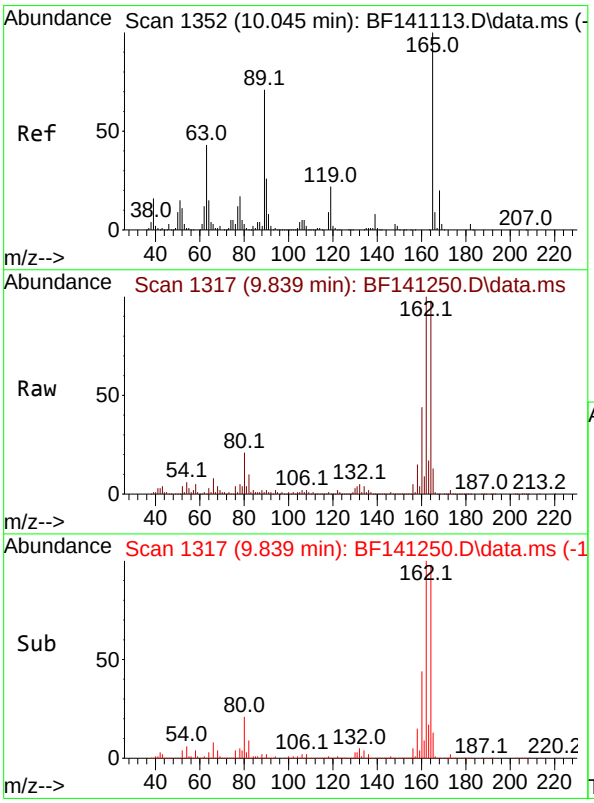
#45
2-Fluorobiphenyl
Concen: 85.936 ng
RT: 9.163 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion:172 Resp: 1614078

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.4	19.0	28.6

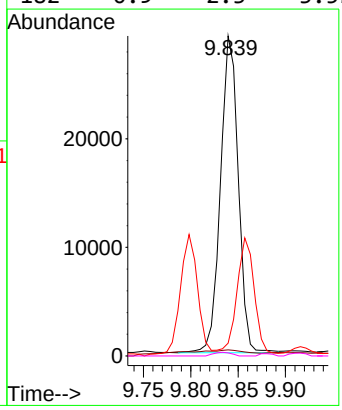


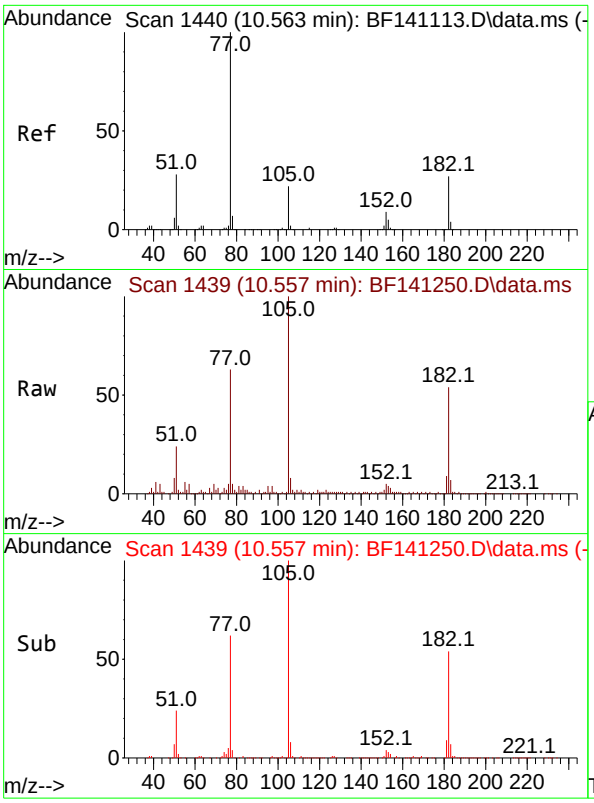


#57
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion:165 Resp: 38272

Ion	Ratio	Lower	Upper
165	100		
63	1.9	35.0	52.4#
89	4.0	56.7	85.1#
182	0.9	2.3	3.5#



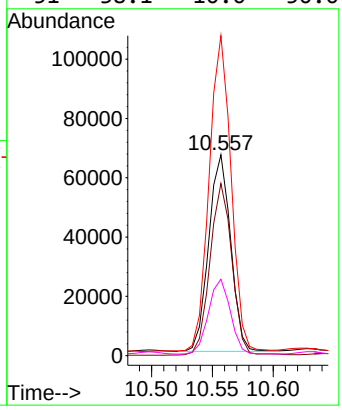


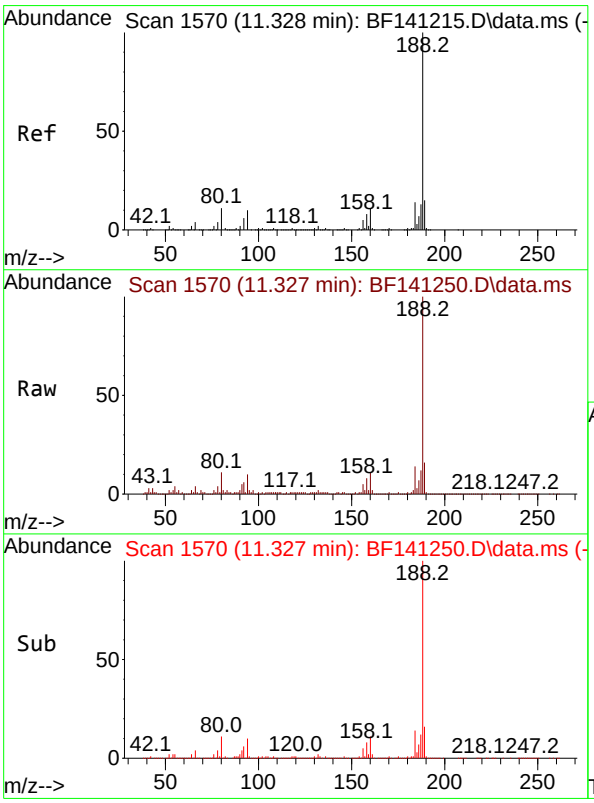
#63
Azobenzene
Concen: 4.487 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion: 77 Resp: 83217

Ion	Ratio	Lower	Upper
77	100		
182	85.7	6.1	46.1#
105	159.2	2.1	42.1#
51	38.1	10.0	50.0

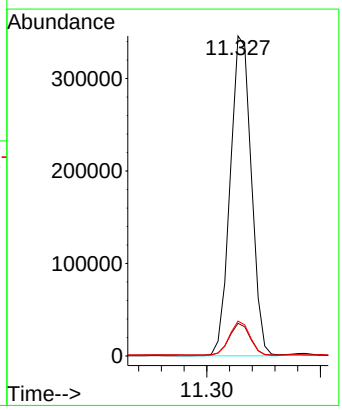


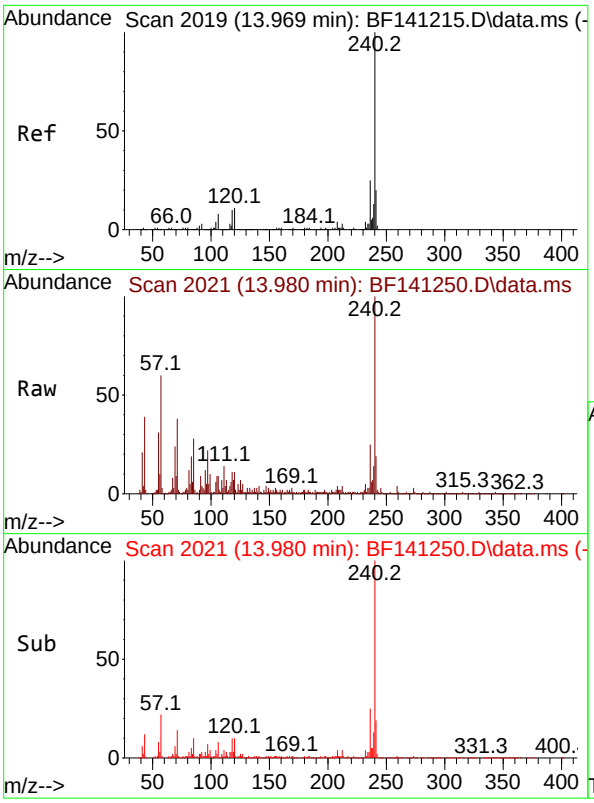


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.018 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion:188 Resp: 445649

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.3	12.5
80	10.9	9.0	13.4



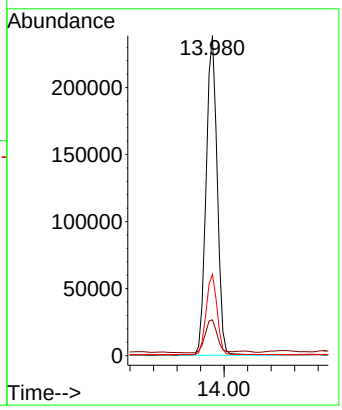


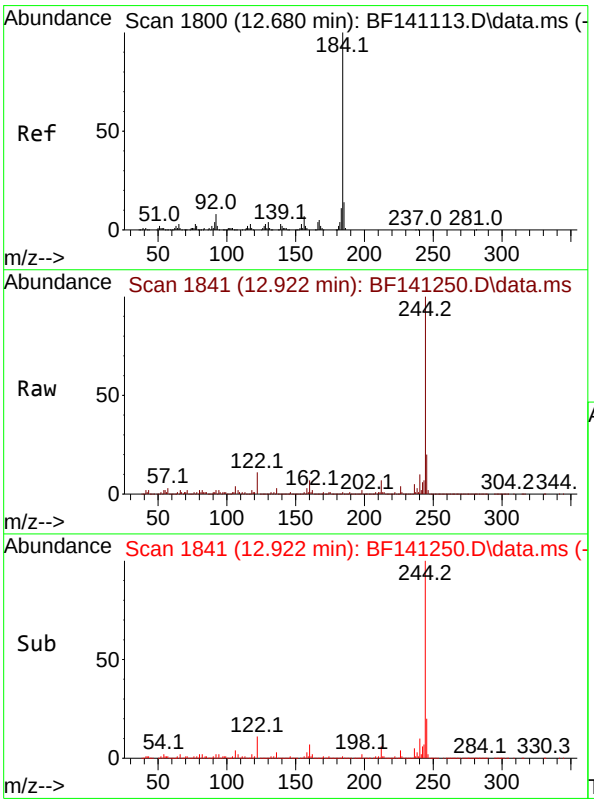
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion:240 Resp: 309487

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.1	13.7
236	25.4	19.8	29.6

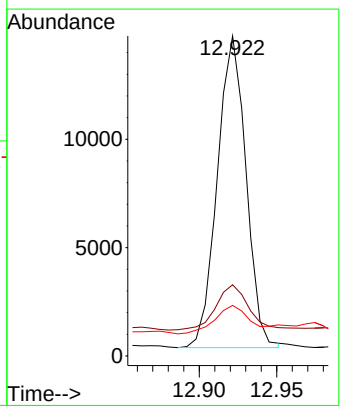


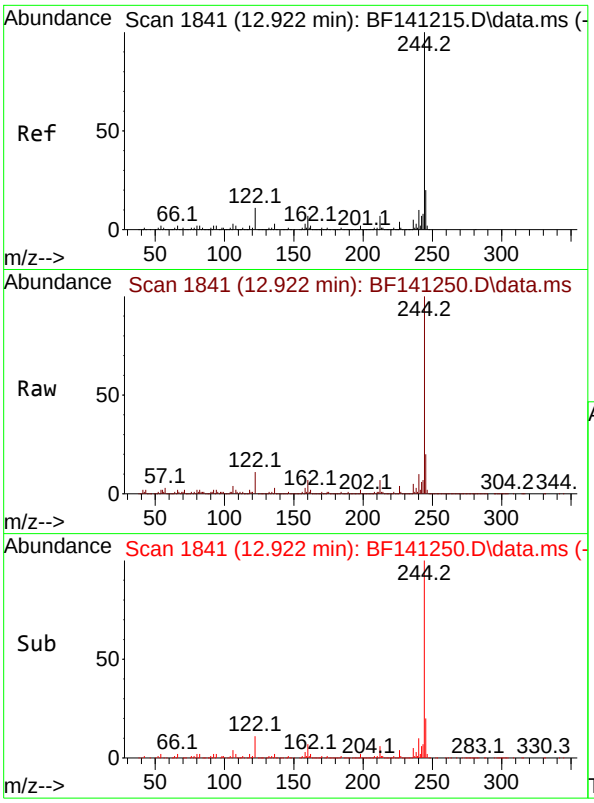


#77
Benzidine
Concen: 3.228 ng
RT: 12.922 min Scan# 1841
Delta R.T. 0.241 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion:184 Resp: 18525

Ion	Ratio	Lower	Upper
184	100		
185	22.3	11.4	17.0#
183	15.8	9.2	13.8#



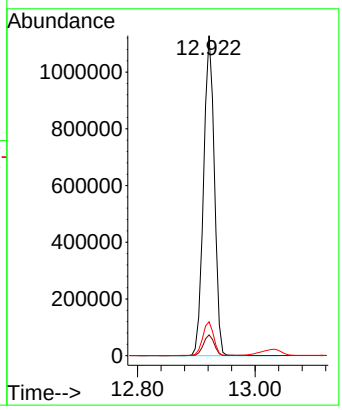


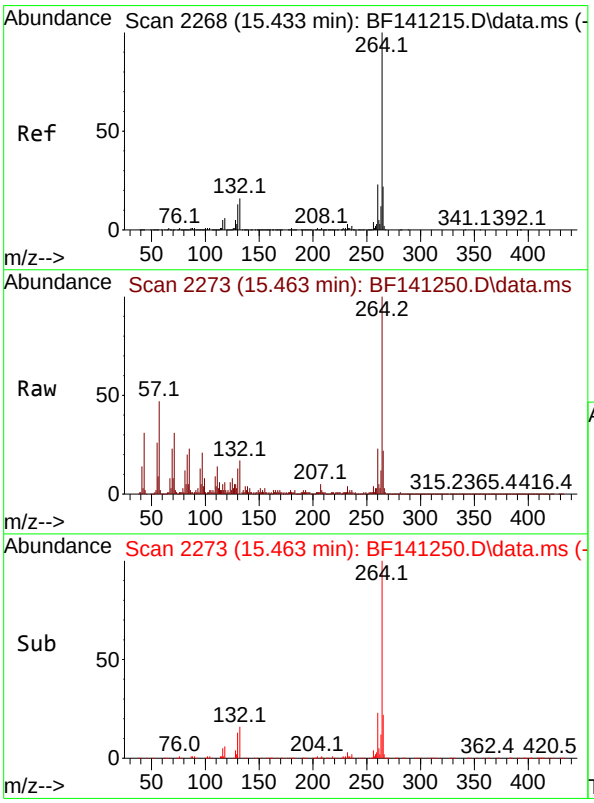
#79
Terphenyl-d14
Concen: 69.230 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-F06078

Tgt Ion:244 Resp: 1441555

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.6	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. 0.024 min
Lab File: BF141250.D
Acq: 23 Jan 2025 15:22

Tgt Ion:264 Resp: 346093

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.9	17.4	26.0