Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141629.D
Acq On : 14 Feb 2025 10:29
Operator : RC/JU
Sample : PB166711BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Quant Time: Feb 14 11:00:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91091	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	362070	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	202635	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	368068	20.000	ng	0.00
76) Chrysene-d12	13.963	240	292483	20.000	ng	0.00
86) Perylene-d12	15.463	264	226077	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	790717	136.088	ng	0.00
7) Phenol-d6	6.428	99	979371	133.361	ng	-0.01
23) Nitrobenzene-d5	7.351	82	645810	93.033	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	286595	140.794	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1259645	95.771	ng	0.00
79) Terphenyl-d14	12.898	244	1604343	92.601	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	87766	19.980	ng	# 72
25) Isophorone	7.351	82	618710	55.899	ng	# 66
50) Dimethylphthalate	9.822	163	29408	2.138	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	26673	8.870	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	26673	6.663	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	19606	4.766	ng	# 1
77) Benzidine	12.898	184	21109	3.272	ng	# 90

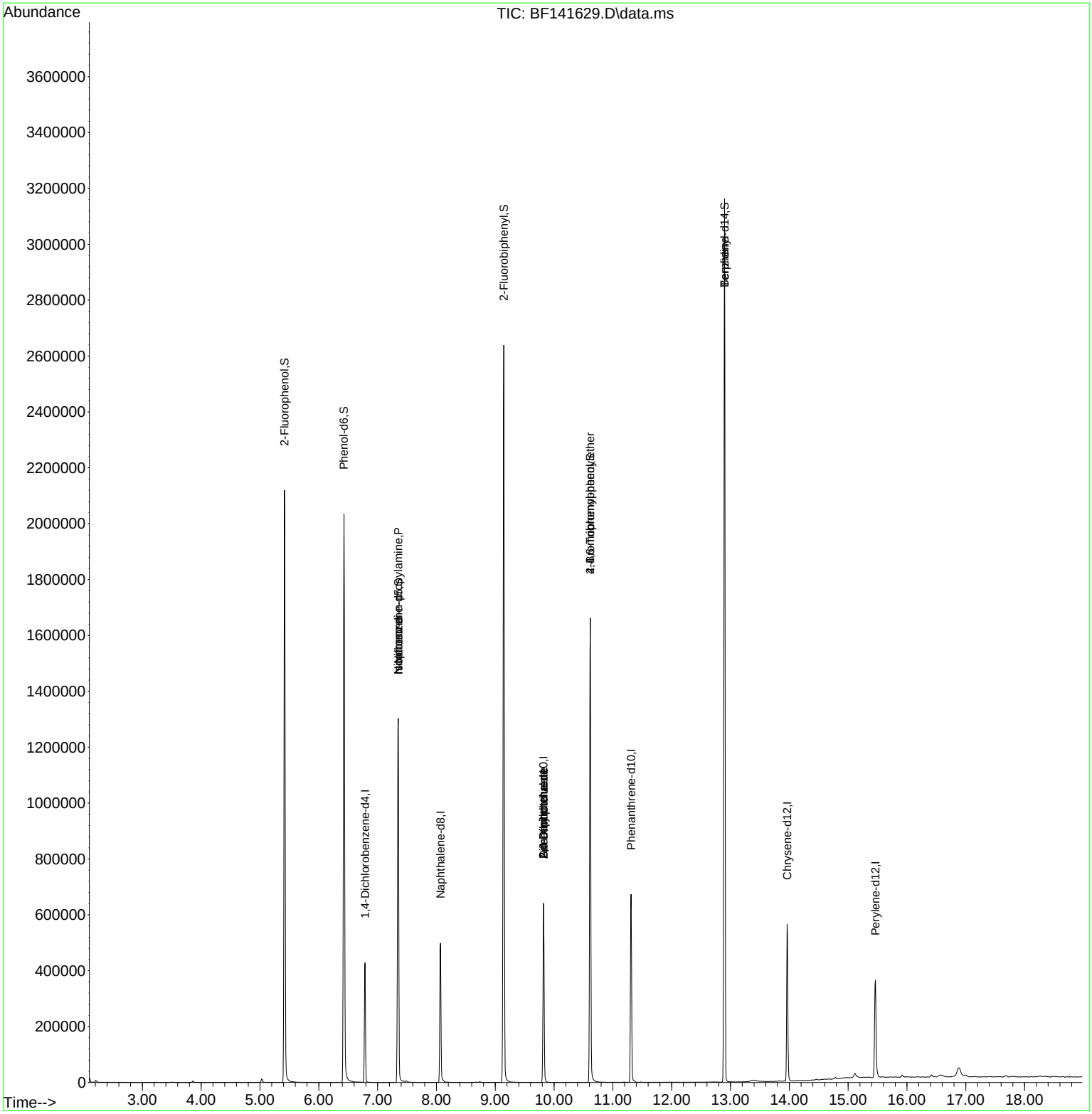
(#) = qualifier out of range (m) = manual integration (+) = signals summed

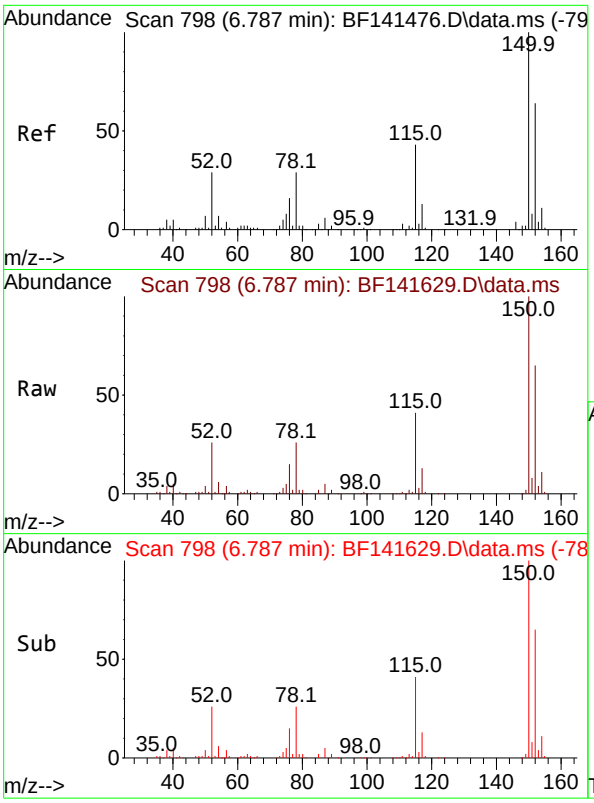
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141629.D
Acq On : 14 Feb 2025 10:29
Operator : RC/JU
Sample : PB166711BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Quant Time: Feb 14 11:00:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



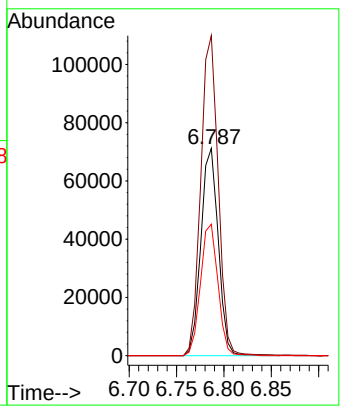


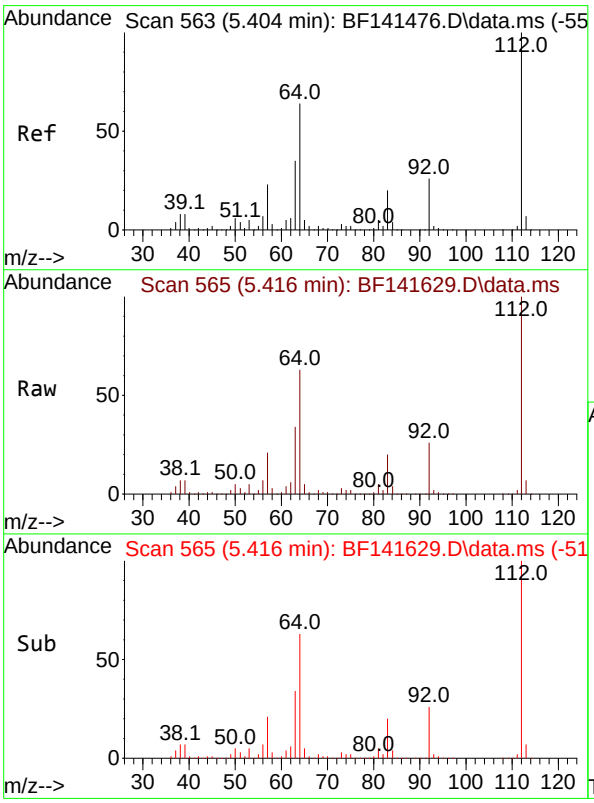
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:152 Resp: 91091

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.0	187.4
115	63.4	53.6	80.4

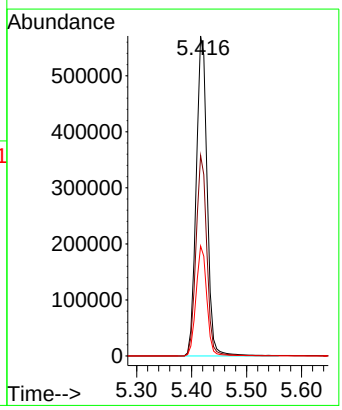


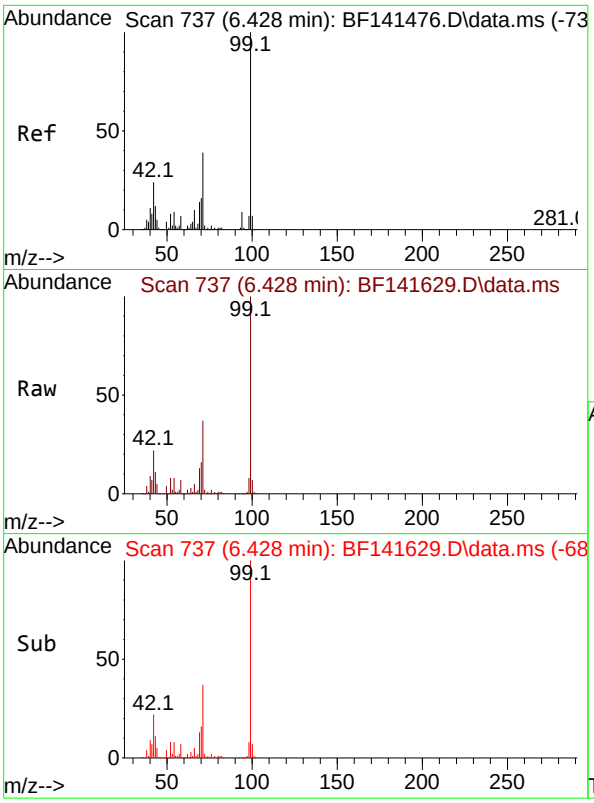


#5
2-Fluorophenol
Concen: 136.088 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion:112 Resp: 790717

Ion	Ratio	Lower	Upper
112	100		
64	62.6	51.1	76.7
63	34.4	28.4	42.6



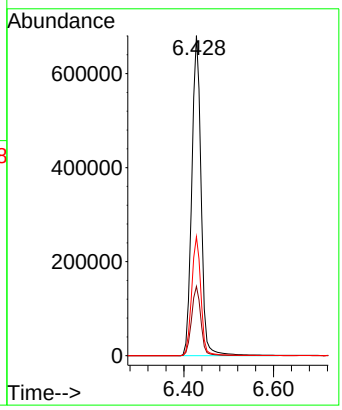


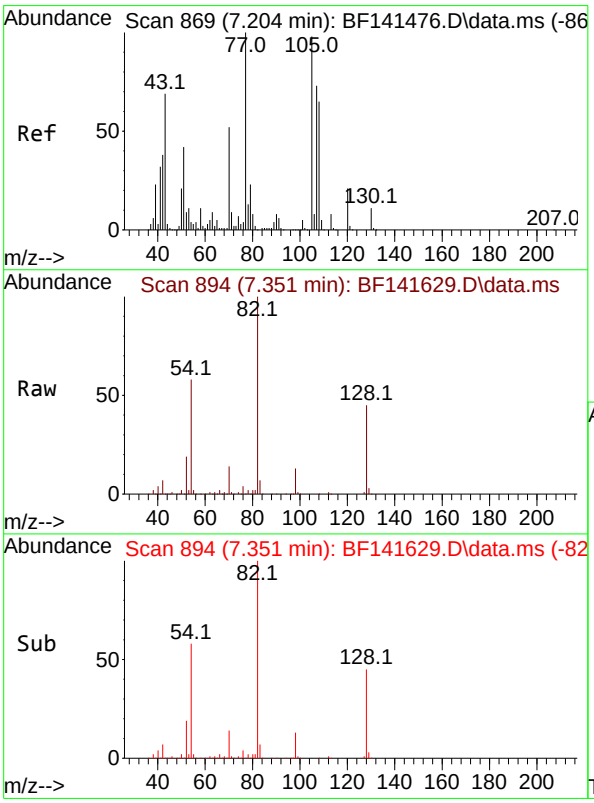
#7
Phenol-d6
Concen: 133.361 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion: 99 Resp: 979371

Ion	Ratio	Lower	Upper
99	100		
42	21.6	19.1	28.7
71	37.1	31.1	46.7

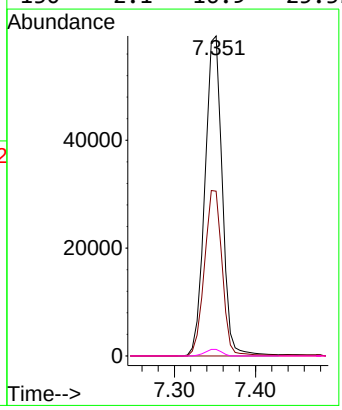


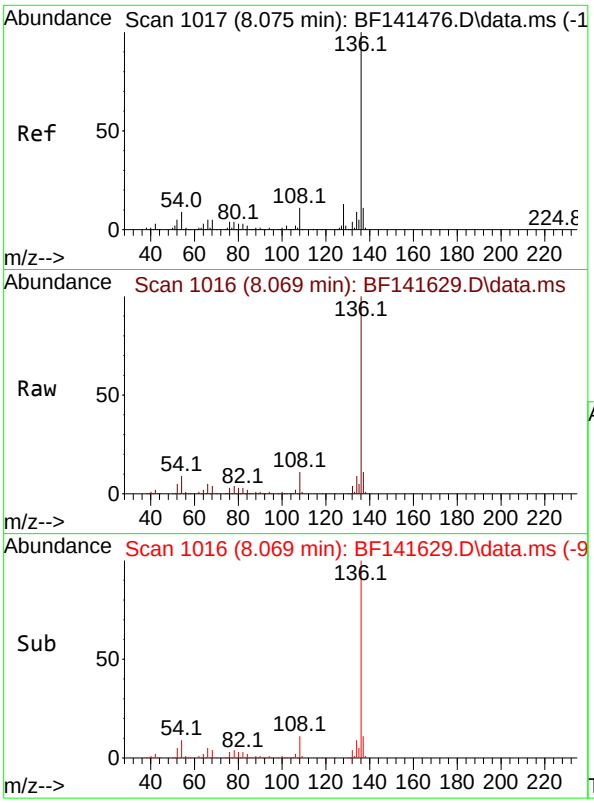


#19
n-Nitroso-di-n-propylamine
Concen: 19.980 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion: 70 Resp: 87766

Ion	Ratio	Lower	Upper
70	100		
42	51.5	57.4	86.2#
101	0.0	8.0	12.0#
130	2.1	16.9	25.3#



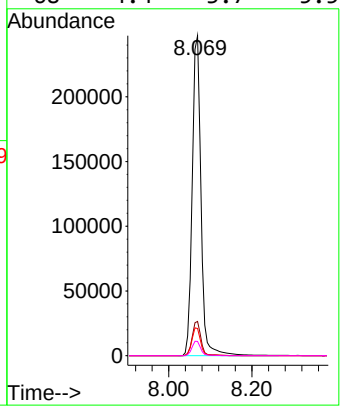


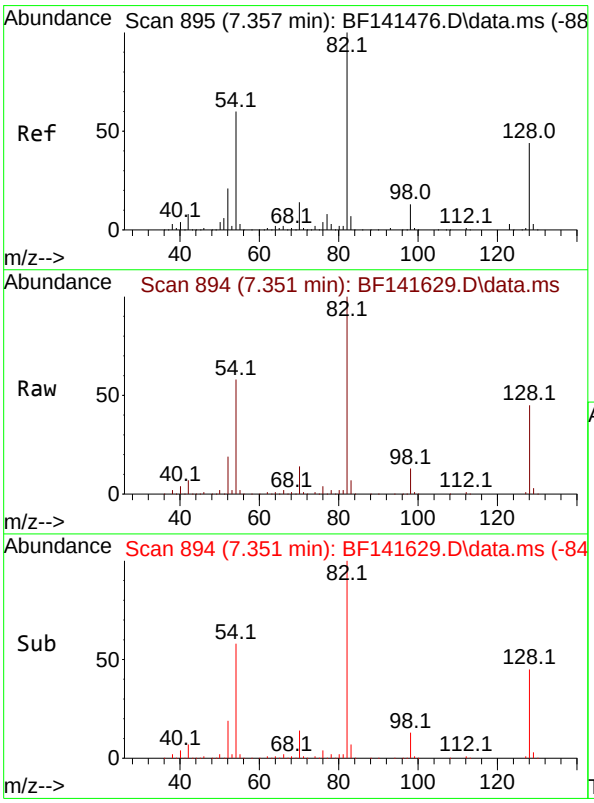
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:136 Resp: 362070

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.5	7.2	10.8
68	4.4	3.7	5.5

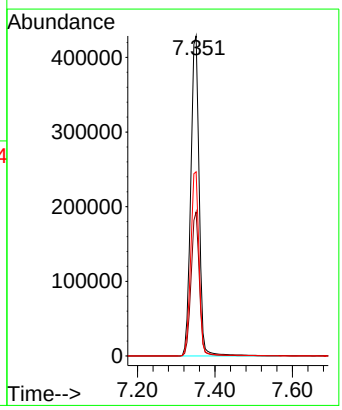


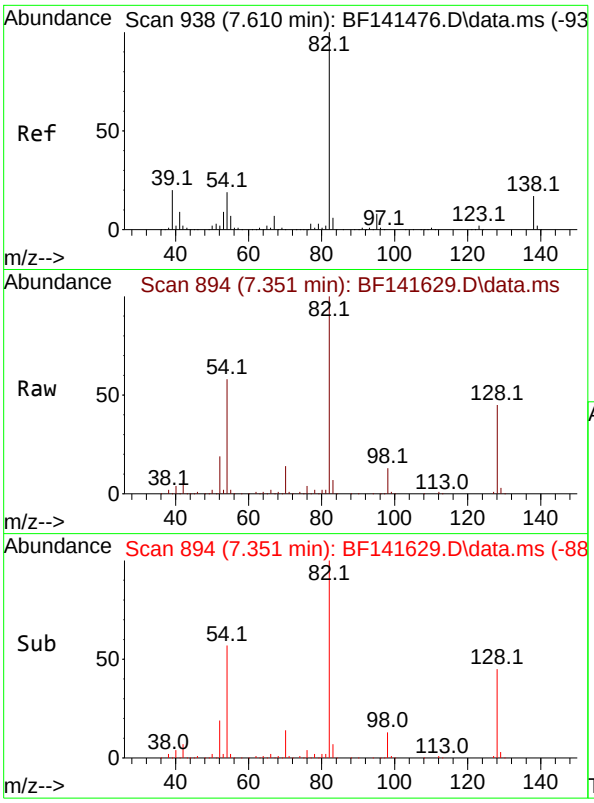


#23
Nitrobenzene-d5
Concen: 93.033 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion: 82 Resp: 645810

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.8	52.2
54	57.5	48.2	72.4



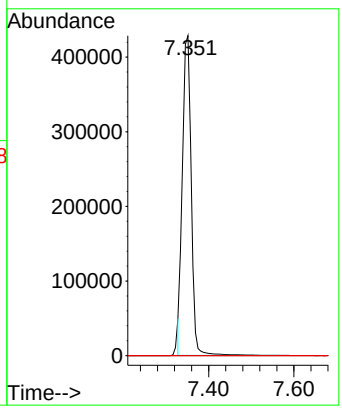


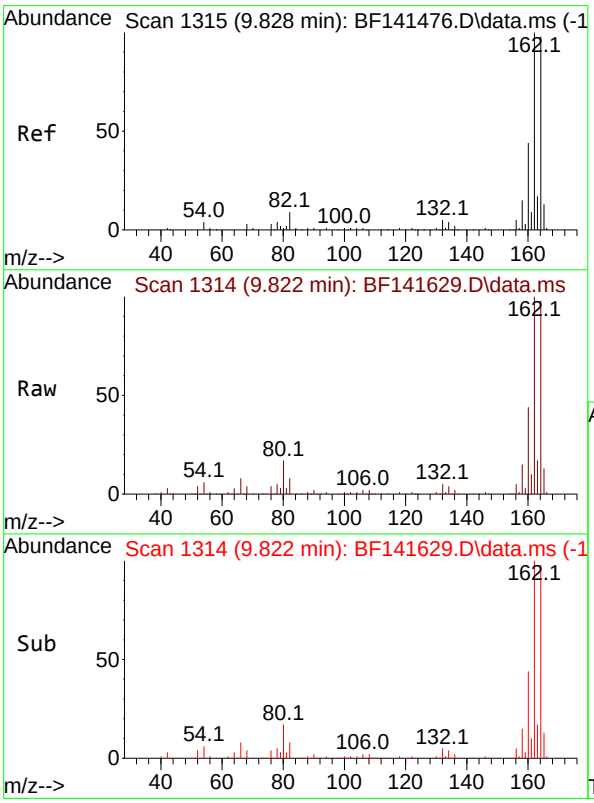
#25
Isophorone
Concen: 55.899 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion: 82 Resp: 618710

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	13.9	20.9#

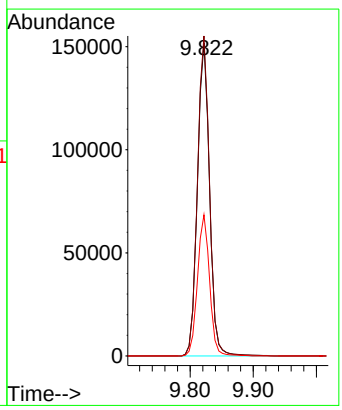


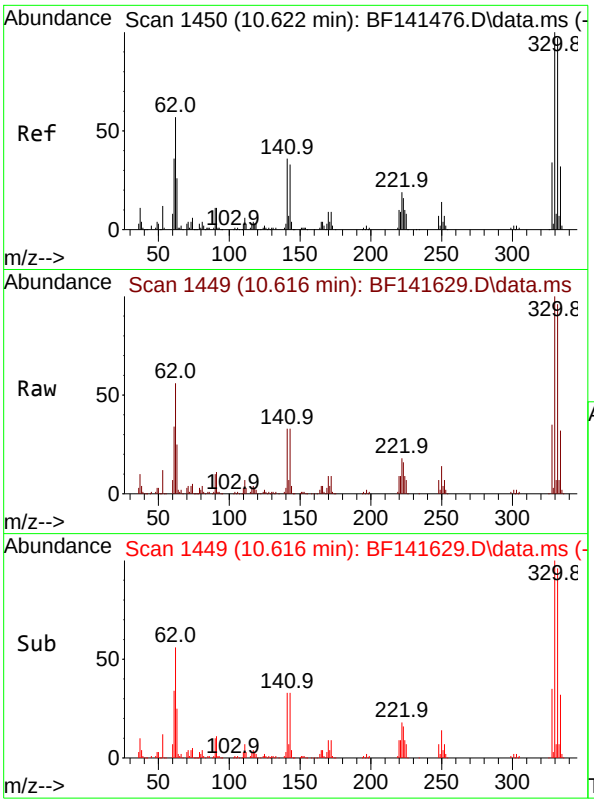


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion:164 Resp: 202635

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	45.1	35.9	53.9



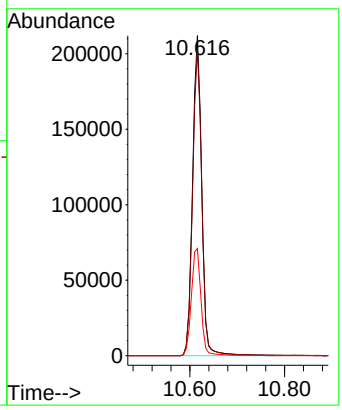


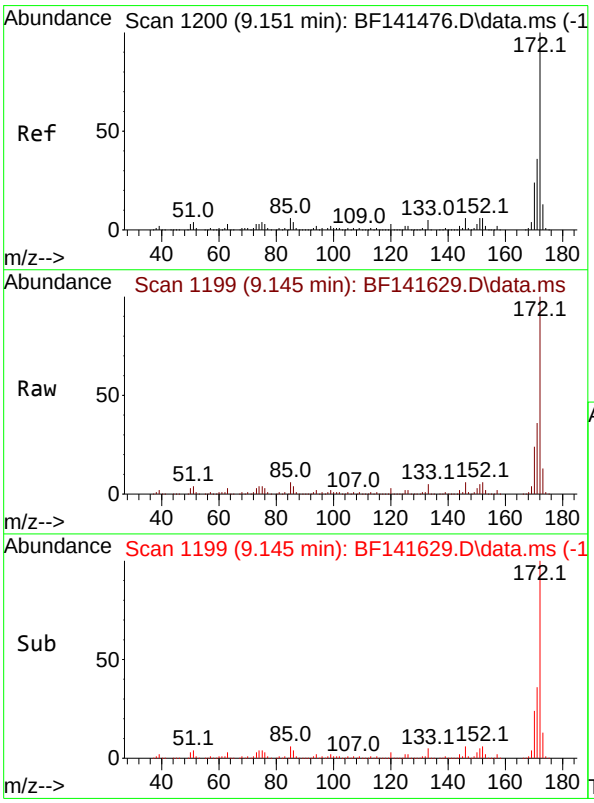
#42
2,4,6-Tribromophenol
Concen: 140.794 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:330 Resp: 286595

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	35.4	31.0	46.4

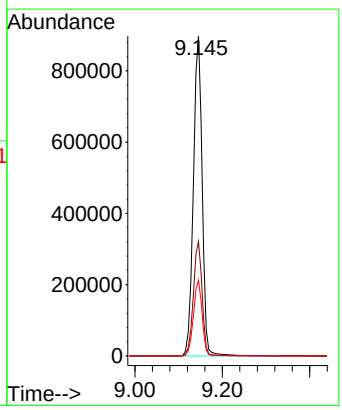


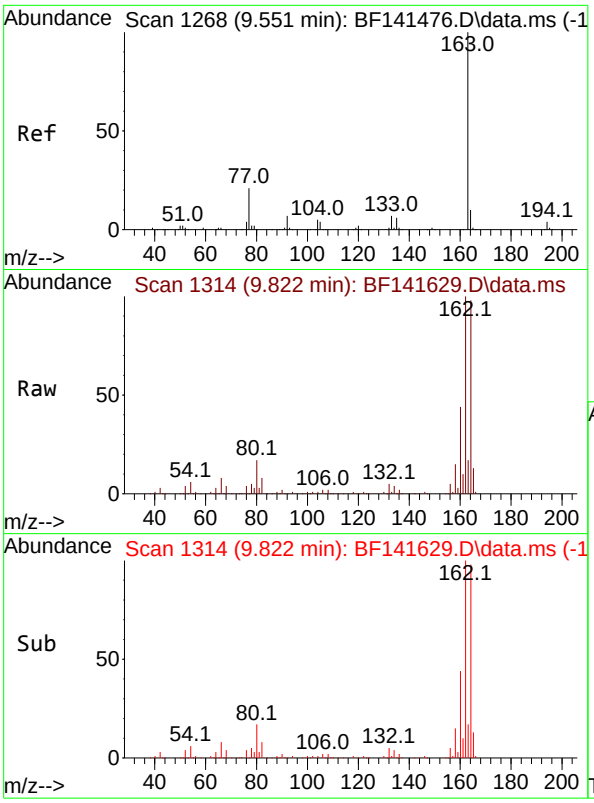


#45
2-Fluorobiphenyl
Concen: 95.771 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion:172 Resp: 1259645

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.6	18.9	28.3



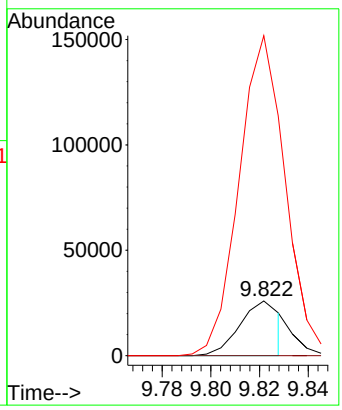


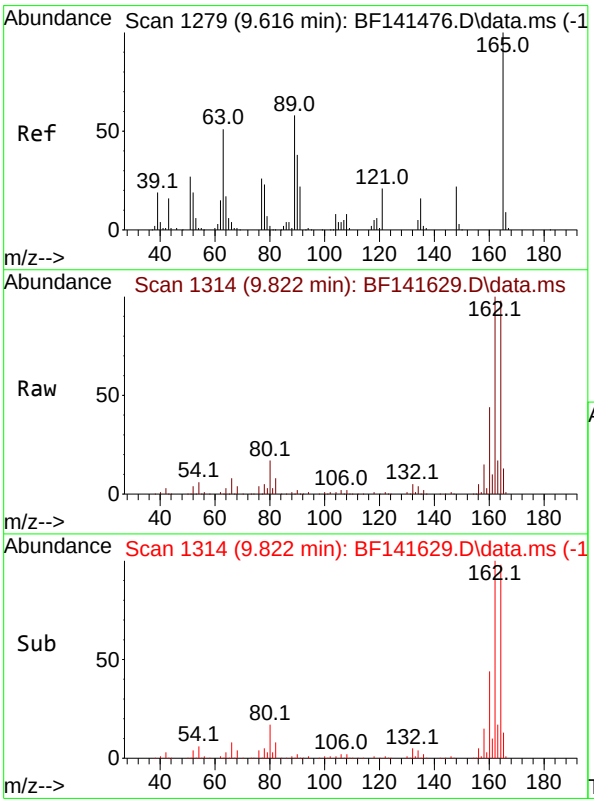
#50
Dimethylphthalate
Concen: 2.138 ng
RT: 9.822 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:163 Resp: 29408

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	584.4	7.9	11.9#

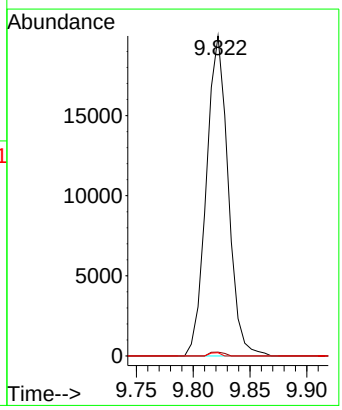


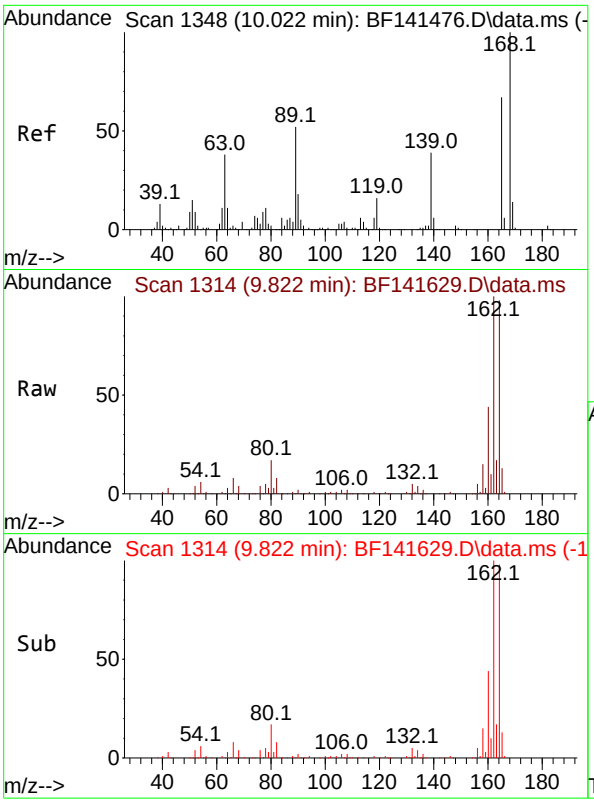


#51
2,6-Dinitrotoluene
Concen: 8.870 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion:165 Resp: 26673

Ion	Ratio	Lower	Upper
165	100		
63	1.2	49.4	74.0#
89	1.0	46.5	69.7#



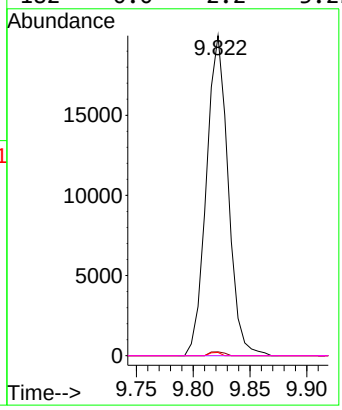


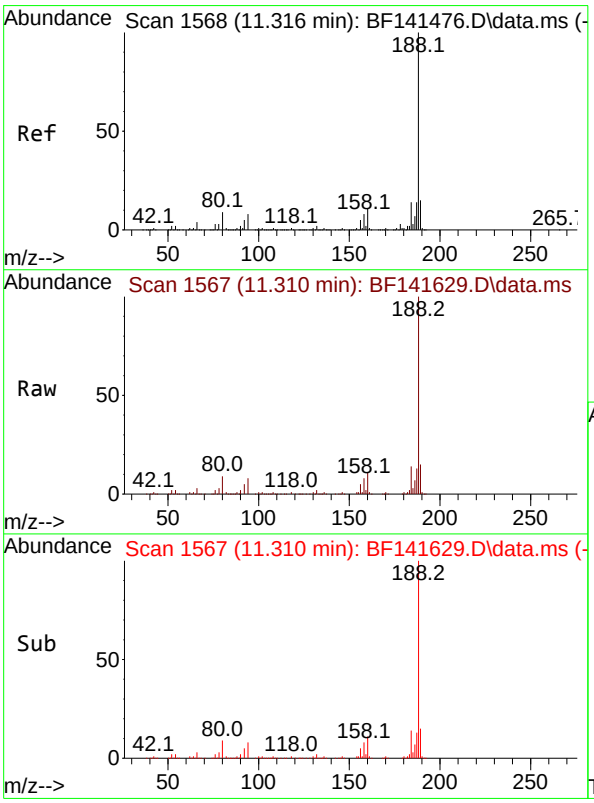
#57
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 9.822 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:165 Resp: 26673

Ion	Ratio	Lower	Upper
165	100		
63	1.2	46.4	69.6#
89	1.0	61.8	92.6#
182	0.0	2.2	3.2#

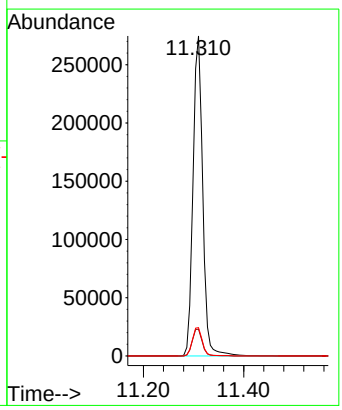


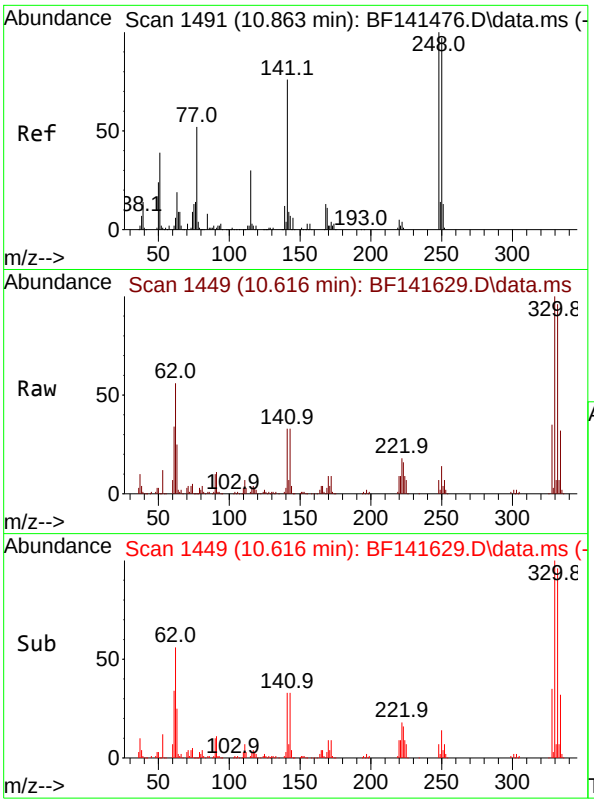


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion:188 Resp: 368068

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.9	7.3	10.9



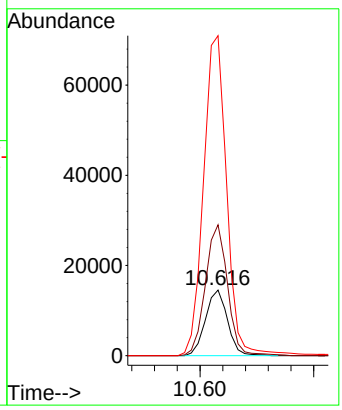


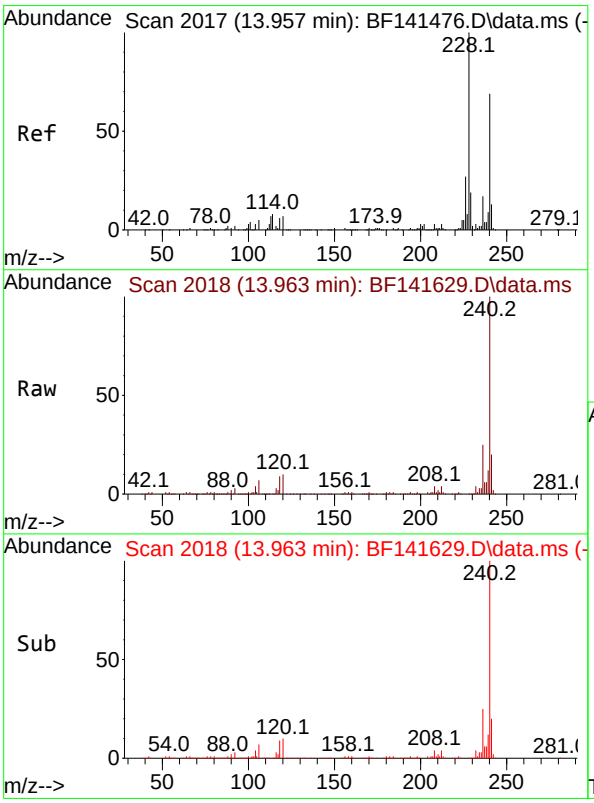
#67
4-Bromophenyl-phenylether
Concen: 4.766 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:248 Resp: 19606

Ion	Ratio	Lower	Upper
248	100		
250	199.6	77.8	116.6#
141	487.9	60.6	90.8#

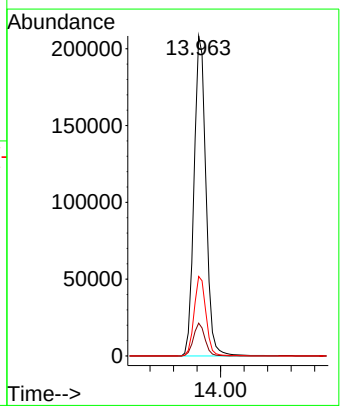


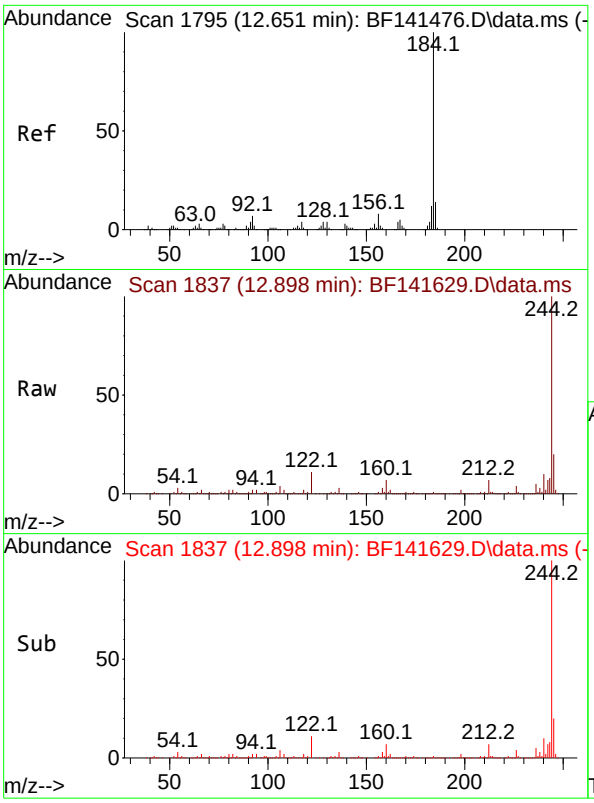


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion:240 Resp: 292483

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.0	12.0
236	24.9	19.8	29.8



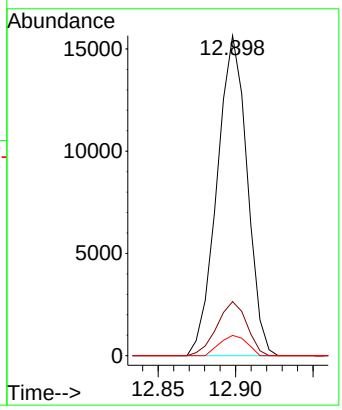


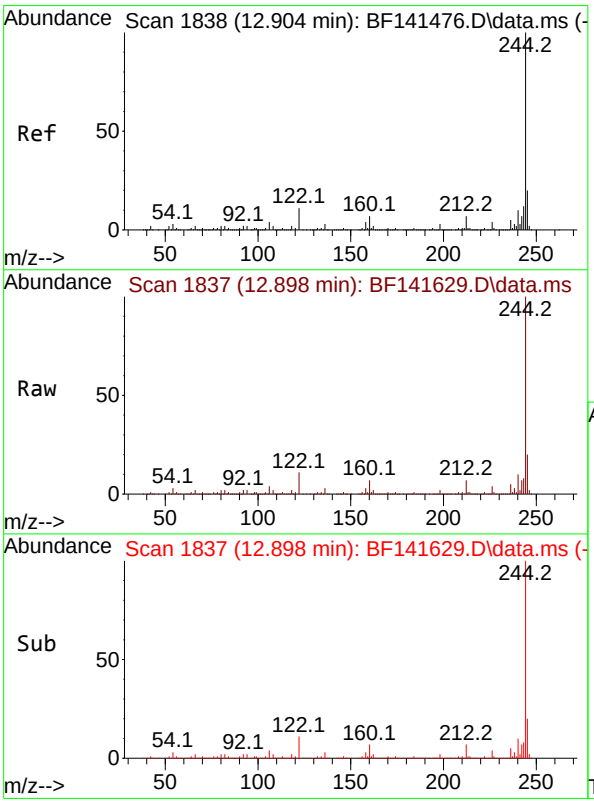
#77
Benzidine
Concen: 3.272 ng
RT: 12.898 min Scan# 1
Delta R.T. 0.241 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:184 Resp: 21109

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.3	16.9
183	6.4	9.3	13.9#

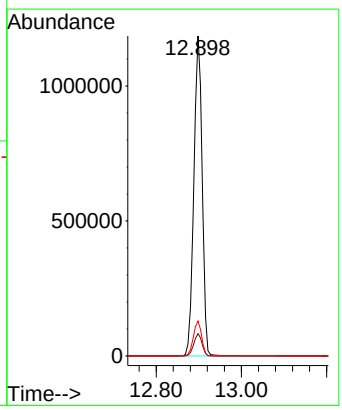


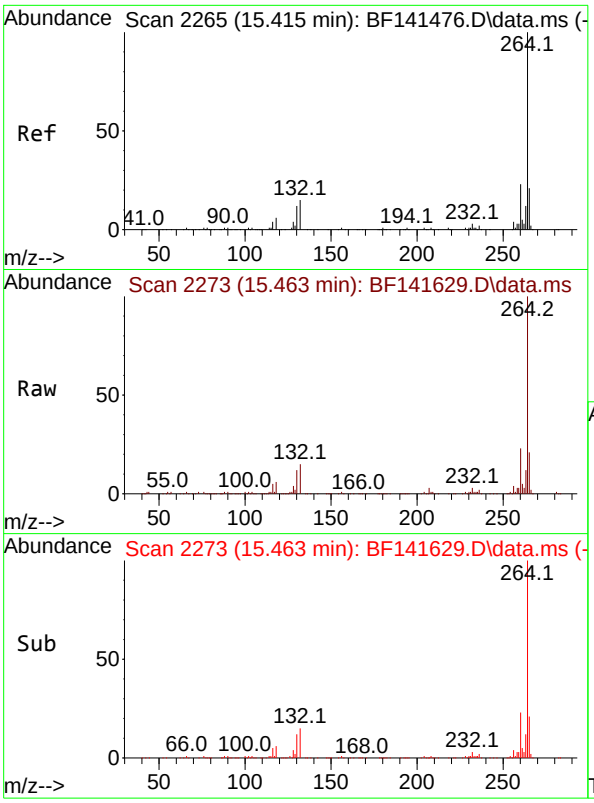


#79
Terphenyl-d14
Concen: 92.601 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion:244 Resp: 1604343

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.9	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2
Delta R.T. 0.047 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:264 Resp: 226077

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.2	17.0	25.4