Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
Data File : BF141705.D
Acq On : 20 Feb 2025 16:05
Operator : RC/JU
Sample : Q1383-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Quant Time: Feb 20 16:30:37 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	6.781	152	89370	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	350480	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	181694	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	311871	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	182612	20.000	ng	-0.02
86) Perylene-d12	15.380	264	168942	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	524168	91.950	ng	-0.01
7) Phenol-d6	6.416	99	653165	90.654	ng	-0.02
23) Nitrobenzene-d5	7.345	82	414217	61.644	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	158905	87.062	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	770784	65.357	ng	-0.02
79) Terphenyl-d14	12.880	244	781103	72.210	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	54361	12.613	ng	# 71
25) Isophorone	7.345	82	404853	37.787	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	23014	8.535	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	23014	6.411	ng	# 19
63) Azobenzene	10.527	77	35350	2.930	ng	# 1
67) 4-Bromophenyl-phenylether	10.604	248	10751	3.084	ng	# 1
77) Benzidine	12.880	184	9505	2.360	ng	# 91

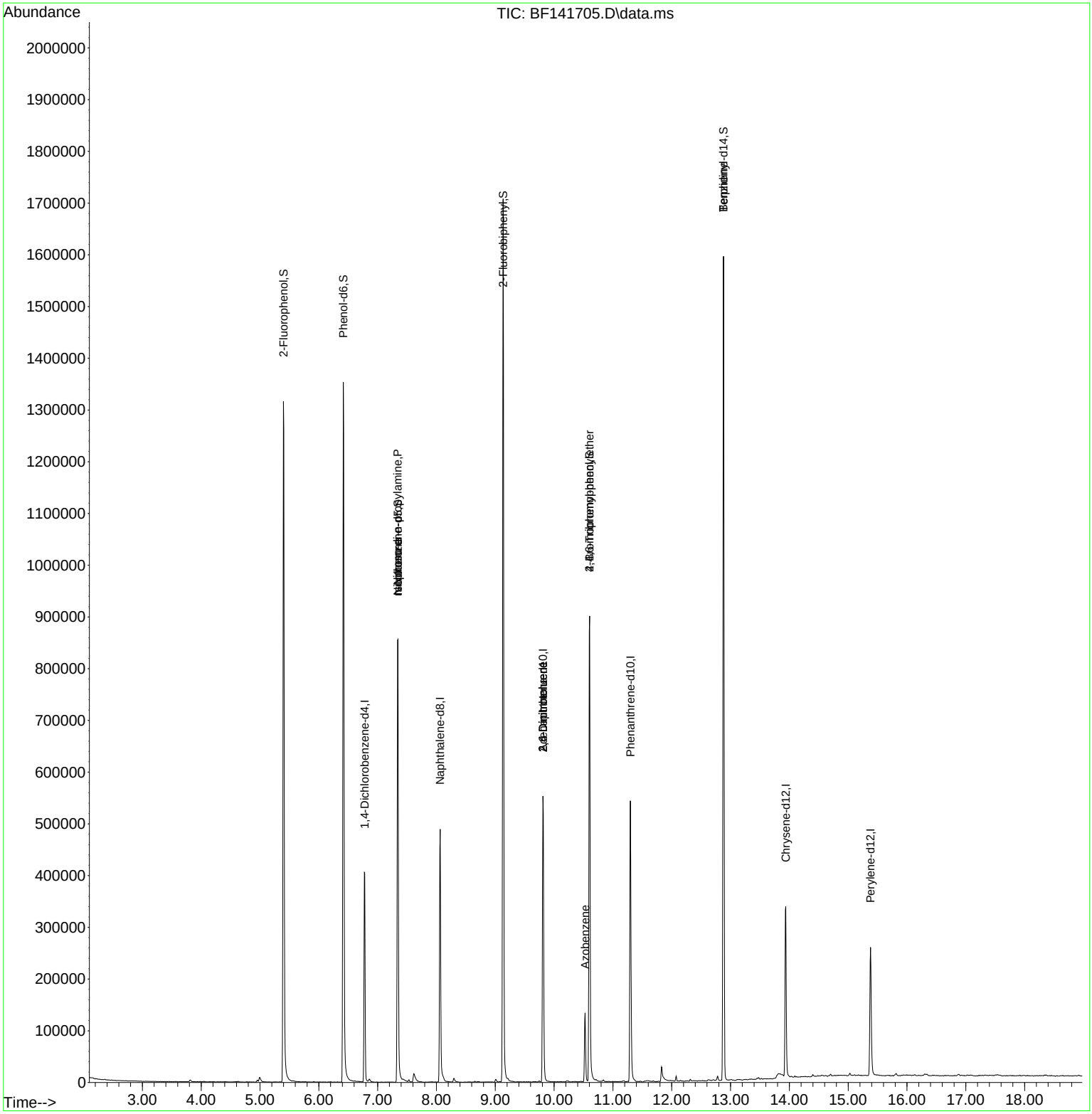
(#) = qualifier out of range (m) = manual integration (+) = signals summed

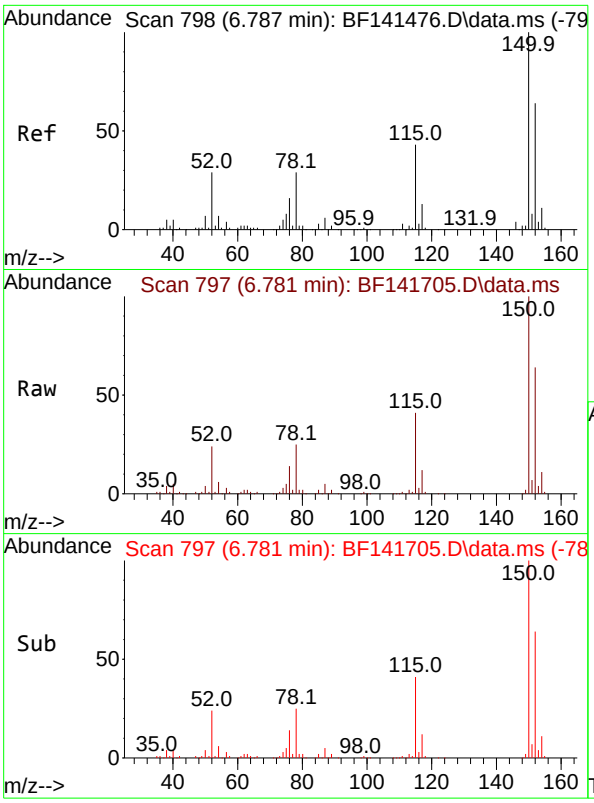
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
Data File : BF141705.D
Acq On : 20 Feb 2025 16:05
Operator : RC/JU
Sample : Q1383-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Quant Time: Feb 20 16:30:37 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



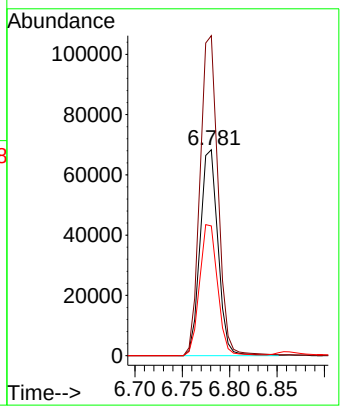


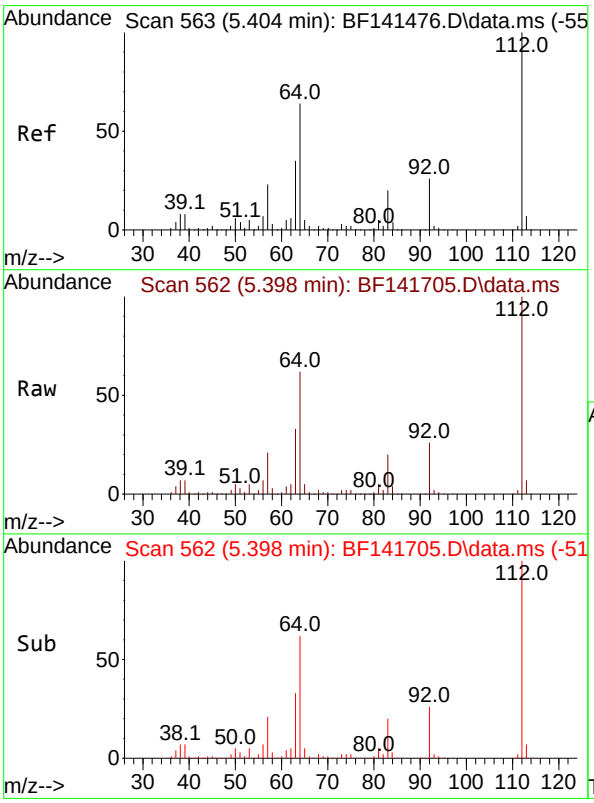
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:152 Resp: 89370

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.0	187.4
115	63.0	53.6	80.4

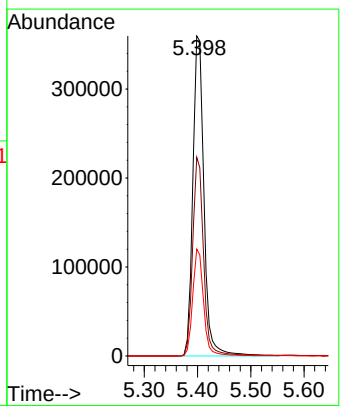


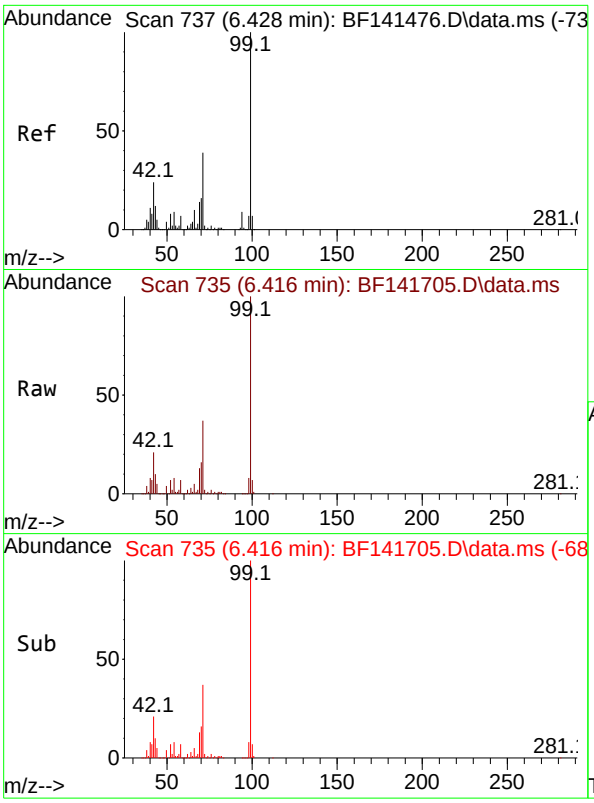


#5
2-Fluorophenol
Concen: 91.950 ng
RT: 5.398 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion:112 Resp: 524168

Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.1	76.7
63	33.4	28.4	42.6



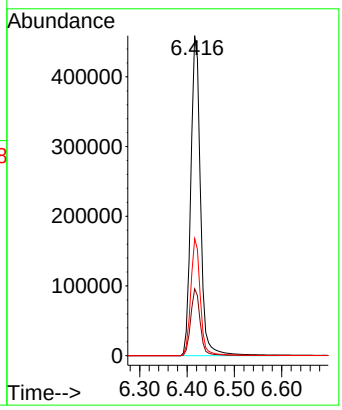


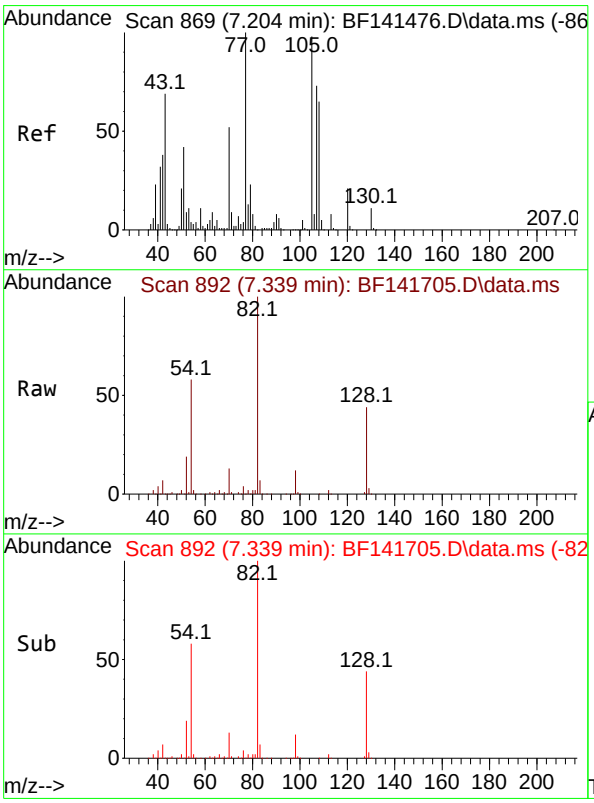
#7
Phenol-d6
Concen: 90.654 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.023 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion: 99 Resp: 653165

Ion	Ratio	Lower	Upper
99	100		
42	20.9	19.1	28.7
71	36.6	31.1	46.7

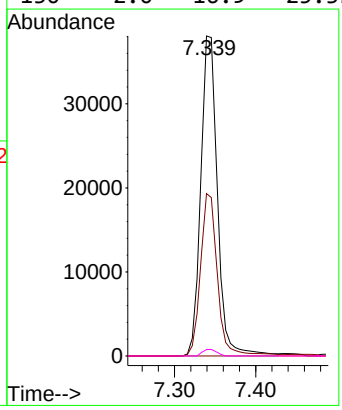


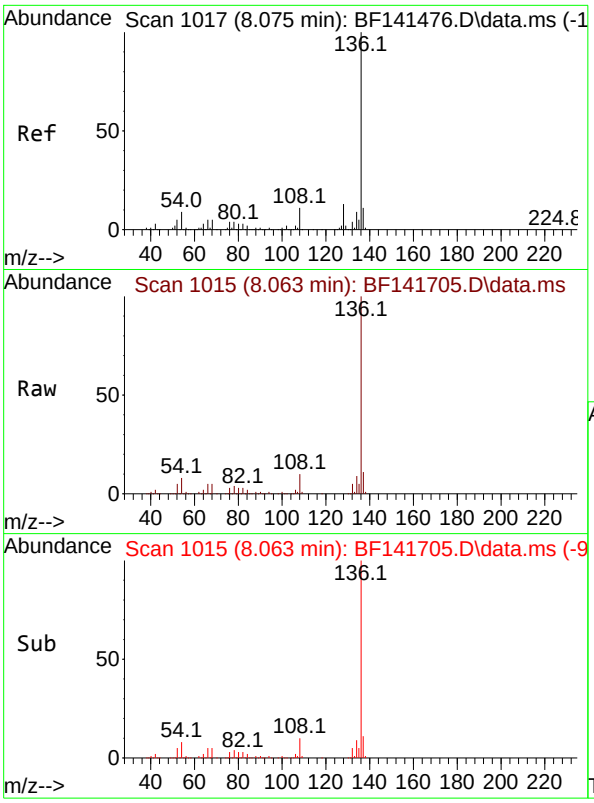


#19
n-Nitroso-di-n-propylamine
Concen: 12.613 ng
RT: 7.339 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion: 70 Resp: 54361

Ion	Ratio	Lower	Upper
70	100		
42	50.7	57.4	86.2#
101	0.0	8.0	12.0#
130	2.0	16.9	25.3#



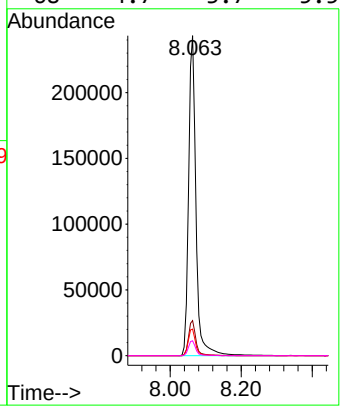


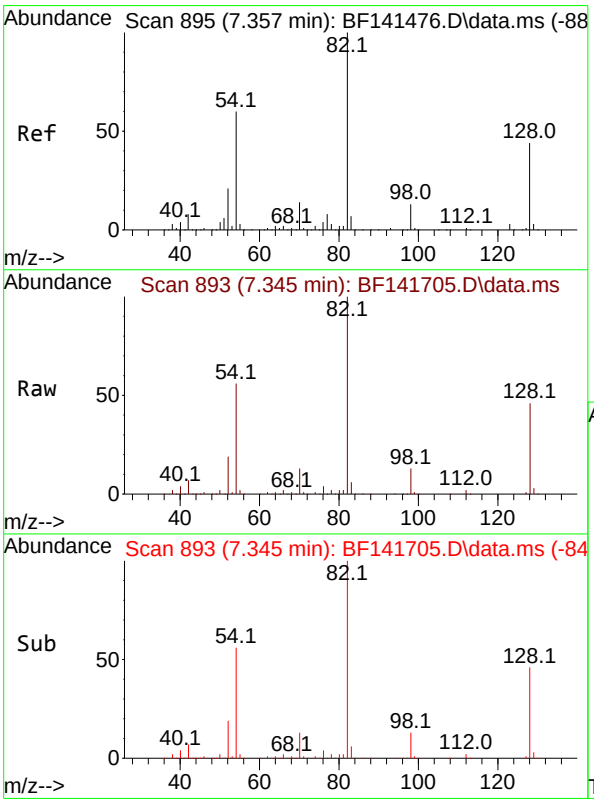
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:136 Resp: 350480

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.3	7.2	10.8
68	4.7	3.7	5.5

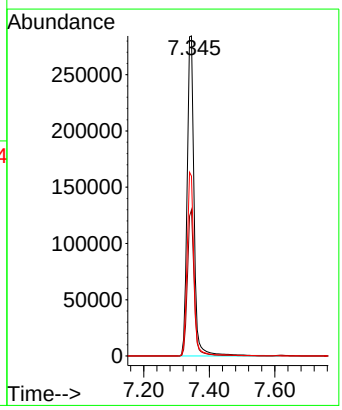


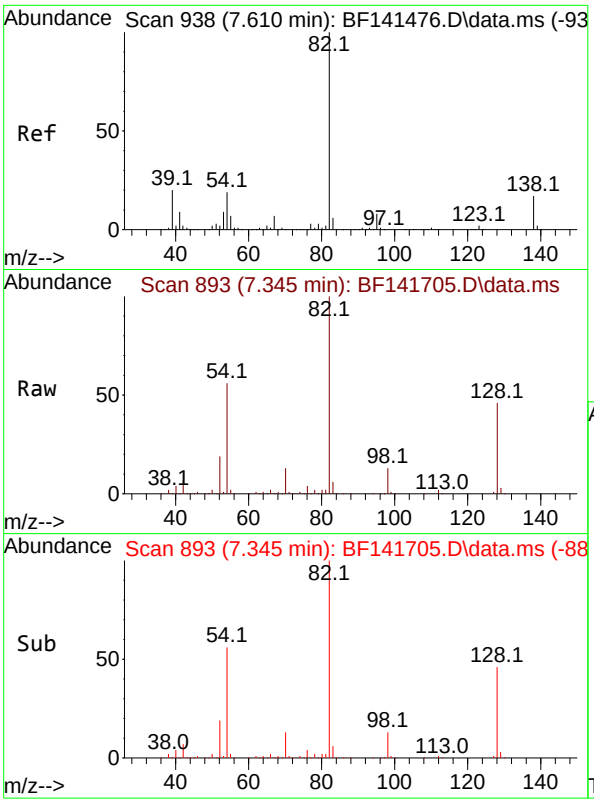


#23
Nitrobenzene-d5
Concen: 61.644 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion: 82 Resp: 414217

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.8	52.2
54	56.2	48.2	72.4



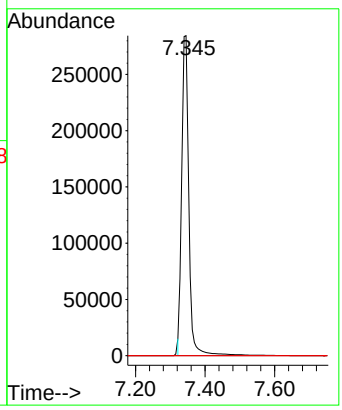


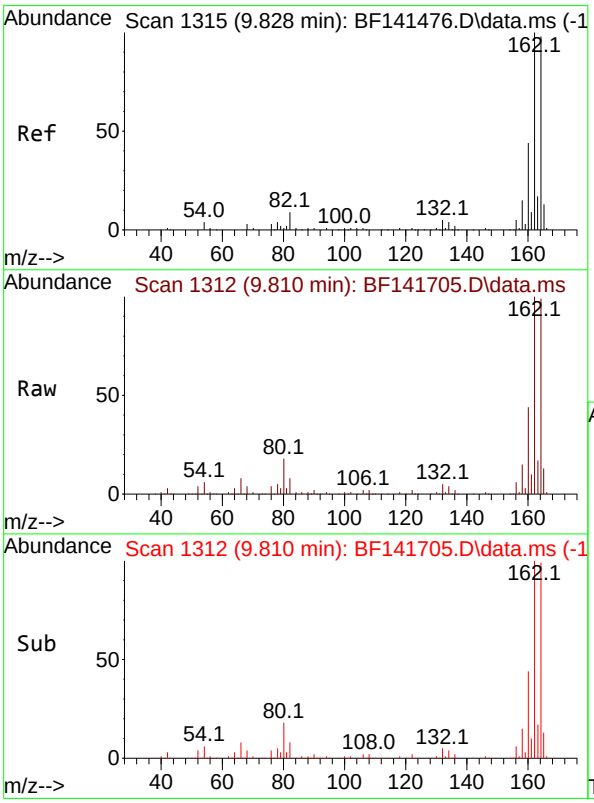
#25
Isophorone
Concen: 37.787 ng
RT: 7.345 min Scan# 8
Delta R.T. -0.276 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion: 82 Resp: 404853

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

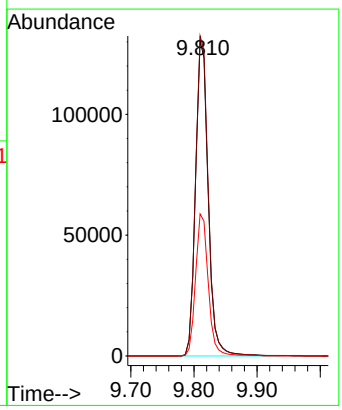


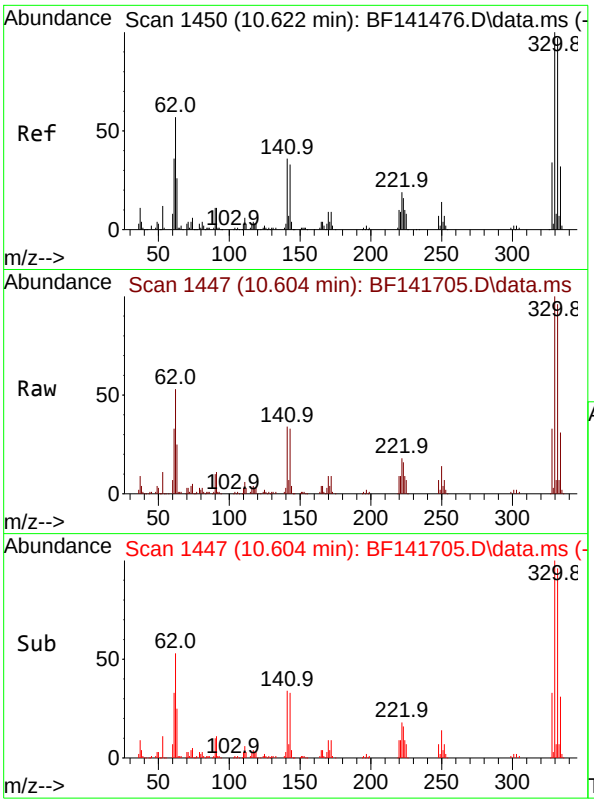


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion:164 Resp: 181694

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	45.1	35.9	53.9



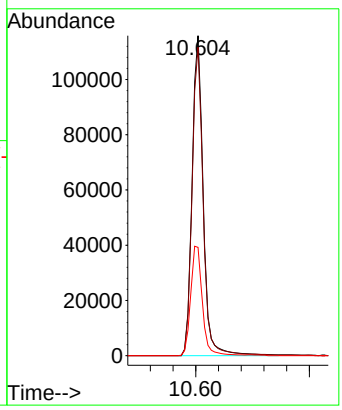


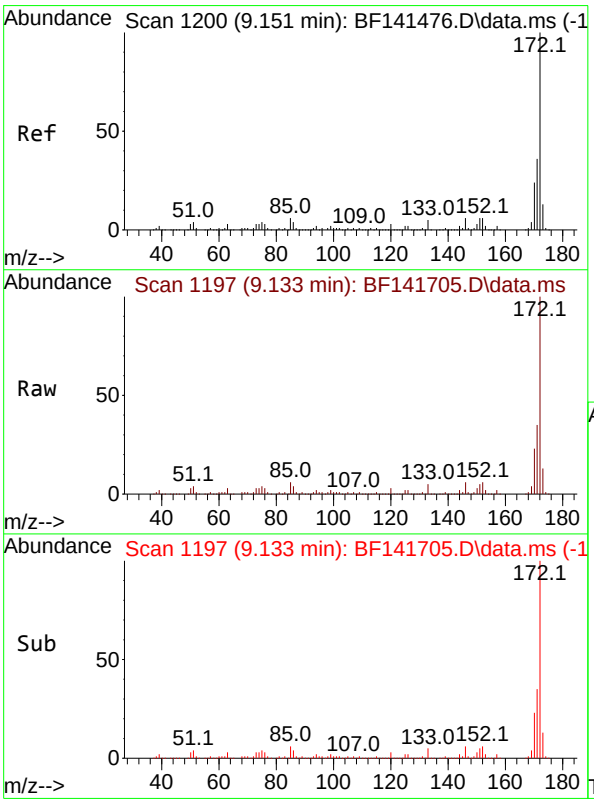
#42
2,4,6-Tribromophenol
Concen: 87.062 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.023 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:330 Resp: 158905

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	36.2	31.0	46.4

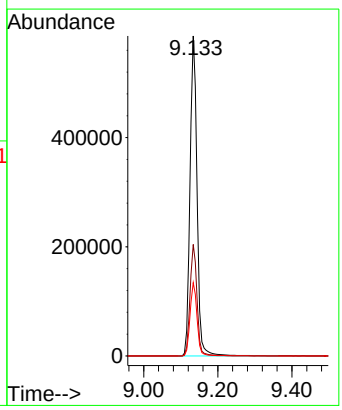


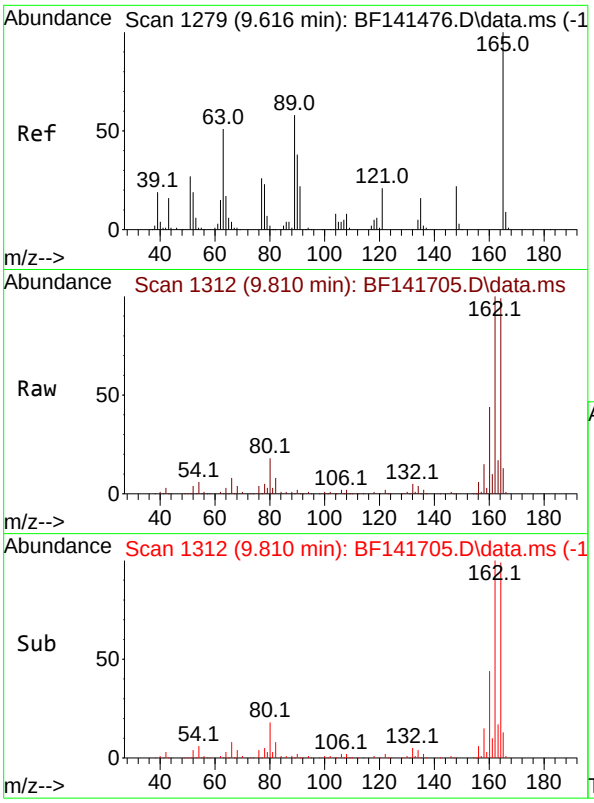


#45
2-Fluorobiphenyl
Concen: 65.357 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion:172 Resp: 770784

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	22.9	18.9	28.3



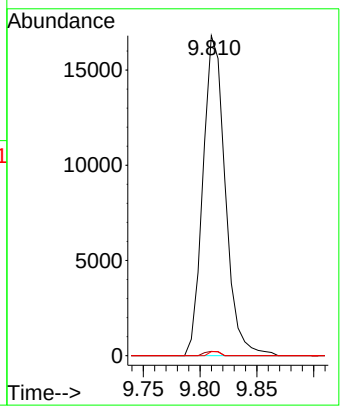


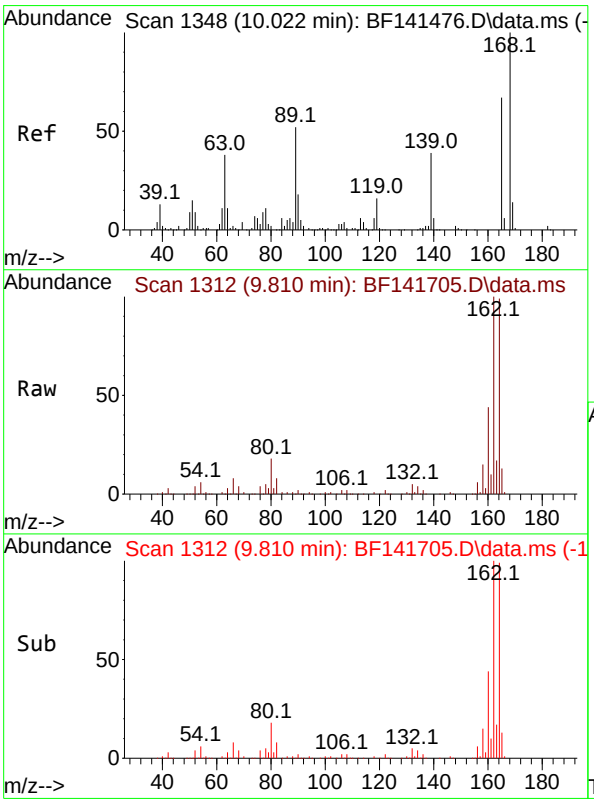
#51
2,6-Dinitrotoluene
Concen: 8.535 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.188 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:165 Resp: 23014

Ion	Ratio	Lower	Upper
165	100		
63	1.4	49.4	74.0#
89	1.2	46.5	69.7#

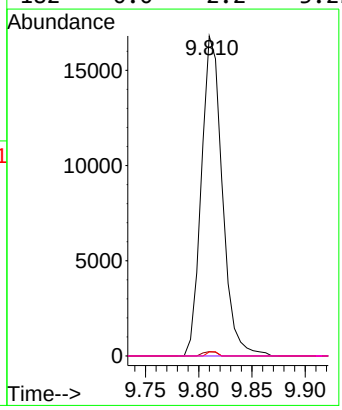


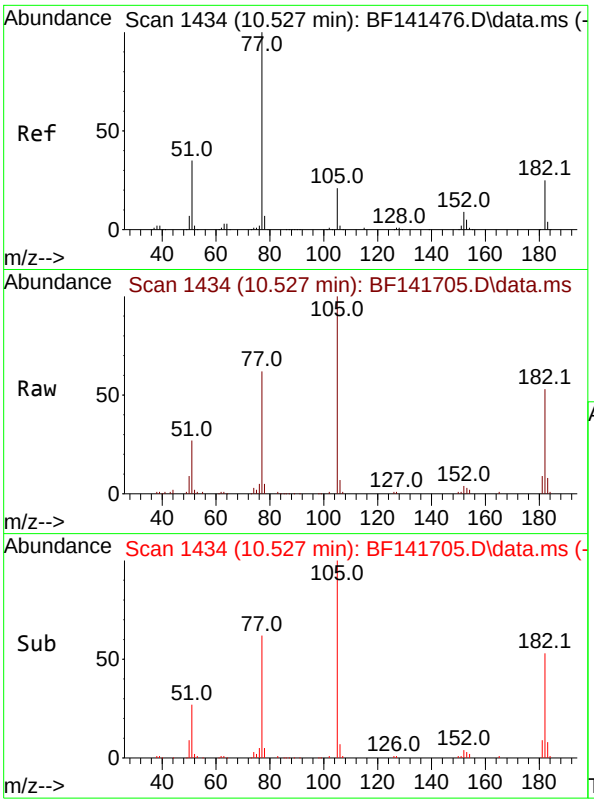


#57
2,4-Dinitrotoluene
Concen: 6.411 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.218 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion:165 Resp: 23014

Ion	Ratio	Lower	Upper
165	100		
63	1.4	46.4	69.6#
89	1.2	61.8	92.6#
182	0.0	2.2	3.2#



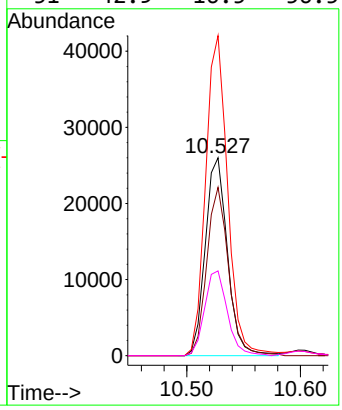


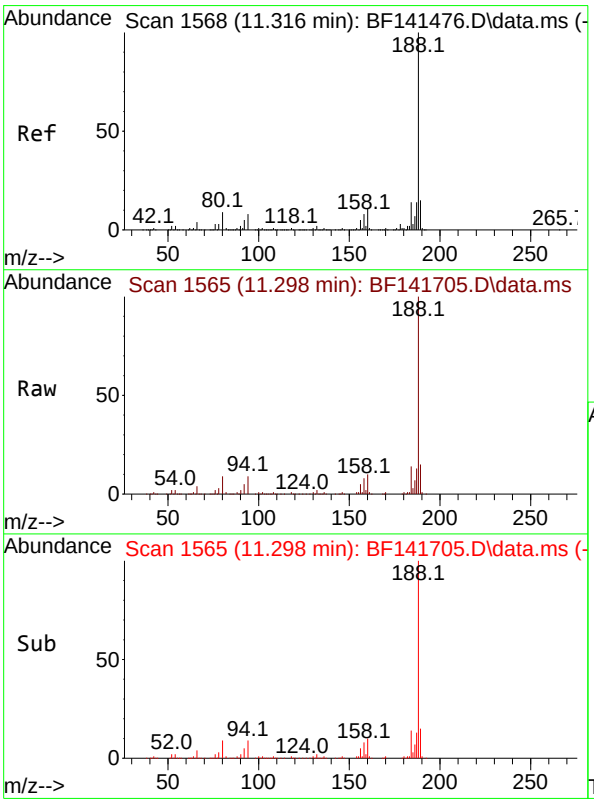
#63
Azobenzene
Concen: 2.930 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion: 77 Resp: 35350

Ion	Ratio	Lower	Upper
77	100		
182	85.1	4.7	44.7#
105	161.7	0.4	40.4#
51	42.9	16.5	56.5

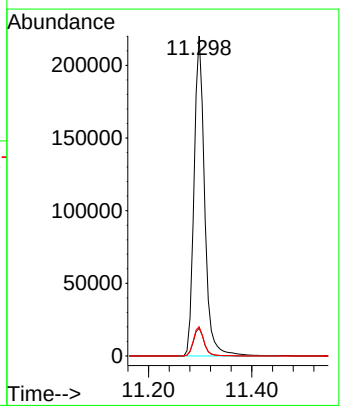


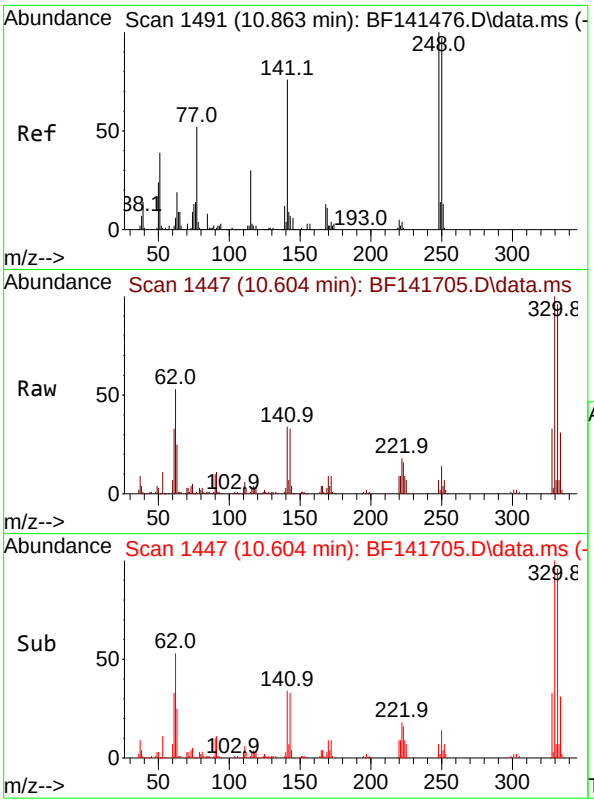


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion:188 Resp: 311871

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.2	7.3	10.9



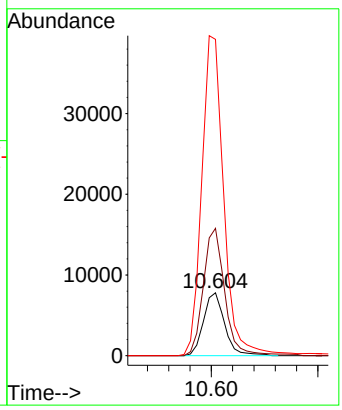


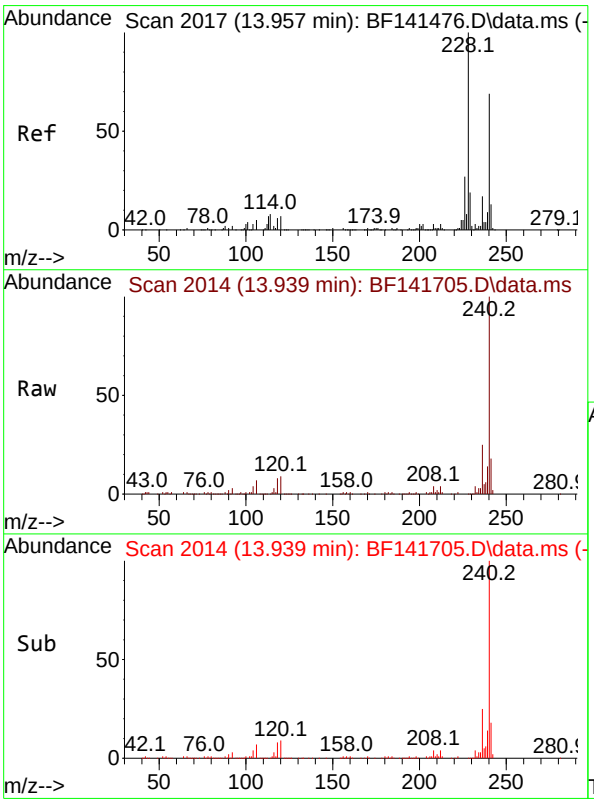
#67
4-Bromophenyl-phenylether
Concen: 3.084 ng
RT: 10.604 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:248 Resp: 10751

Ion	Ratio	Lower	Upper
248	100		
250	202.4	77.8	116.6#
141	503.0	60.6	90.8#

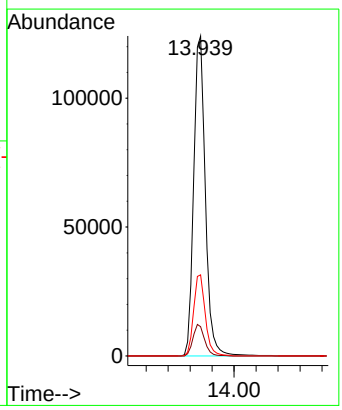


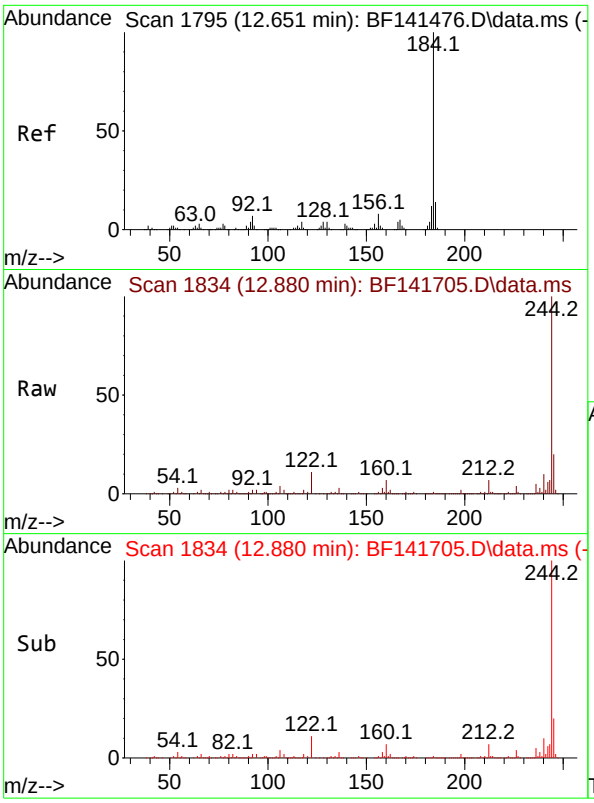


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion:240 Resp: 182612

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.0	12.0
236	25.3	19.8	29.8



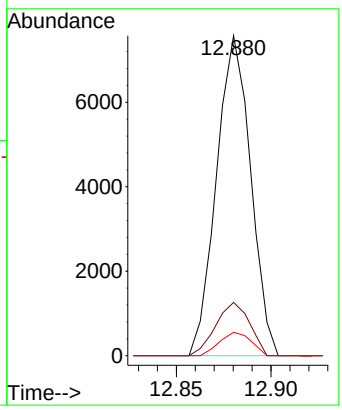


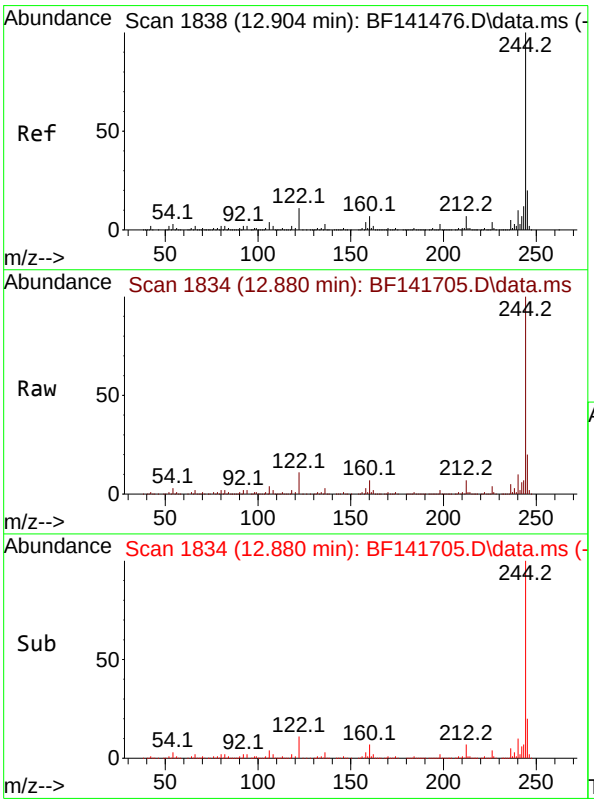
#77
Benzidine
Concen: 2.360 ng
RT: 12.880 min Scan# 1
Delta R.T. 0.224 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:184 Resp: 9505

Ion	Ratio	Lower	Upper
184	100		
185	16.7	11.3	16.9
183	7.3	9.3	13.9#

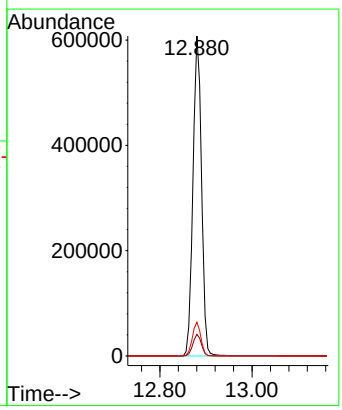


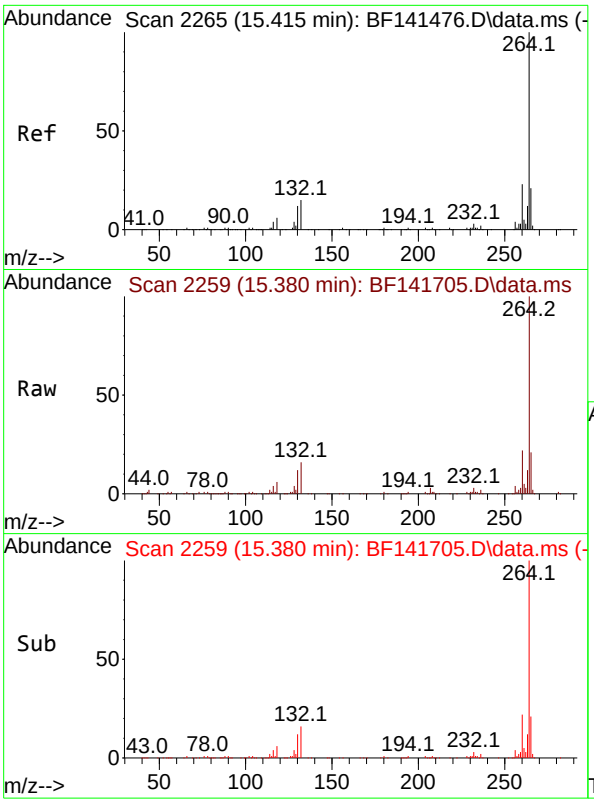


#79
Terphenyl-d14
Concen: 72.210 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion:244 Resp: 781103

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.6	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

Tgt Ion:264 Resp: 168942

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.6	28.0
265	20.8	17.0	25.4