Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135782.D
Acq On : 16 Oct 2023 18:14
Operator : CG\JU
Sample : 04656-18
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 17 01:56:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	98316	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	382727	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	190148	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	360245	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	178289	20.000	ng	-0.01
86) Perylene-d12	15.415	264	197893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	356447	58.289	ng	0.00
7) Phenol-d6	6.392	99	269332	35.299	ng	0.00
23) Nitrobenzene-d5	7.304	82	640198	91.999	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	254115	139.270	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1093582	89.921	ng	0.00
79) Terphenyl-d14	12.868	244	1094959	113.735	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	85935	18.215	ng	# 77
25) Isophorone	7.304	82	640191	48.765	ng	# 66
35) Caprolactam	8.439	113	9482	5.275	ng	# 85
51) 2,6-Dinitrotoluene	9.774	165	24498	8.875	ng	# 16
57) 2,4-Dinitrotoluene	9.774	165	24498	6.976	ng	# 24
67) 4-Bromophenyl-phenylether	10.574	248	15731	4.350	ng	# 1
77) Benzidine	12.868	184	13797	3.546	ng	# 95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
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Acq On : 16 Oct 2023 18:14
Operator : CG\JU
Sample : 04656-18
Misc :
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Instrument :
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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
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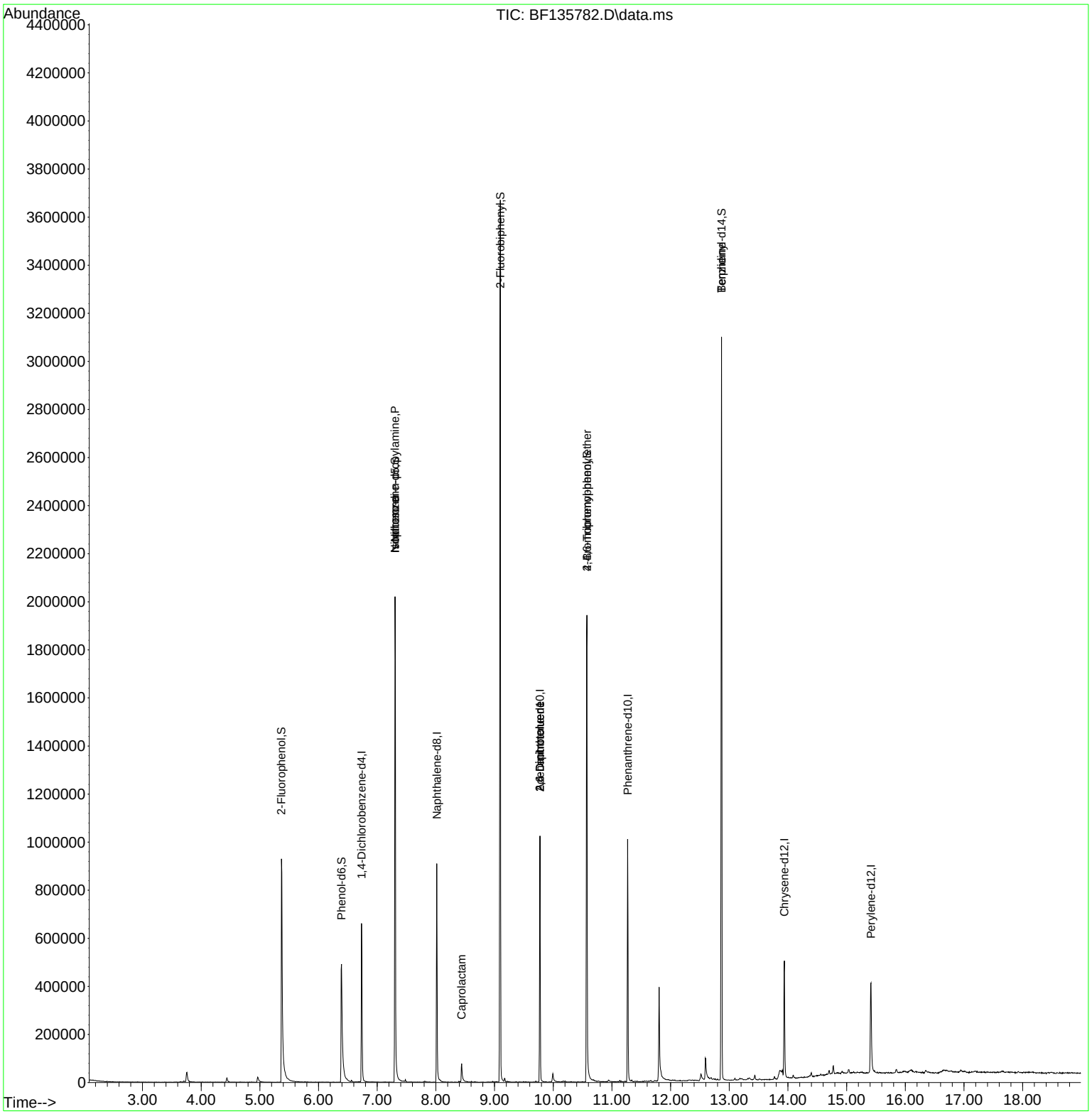
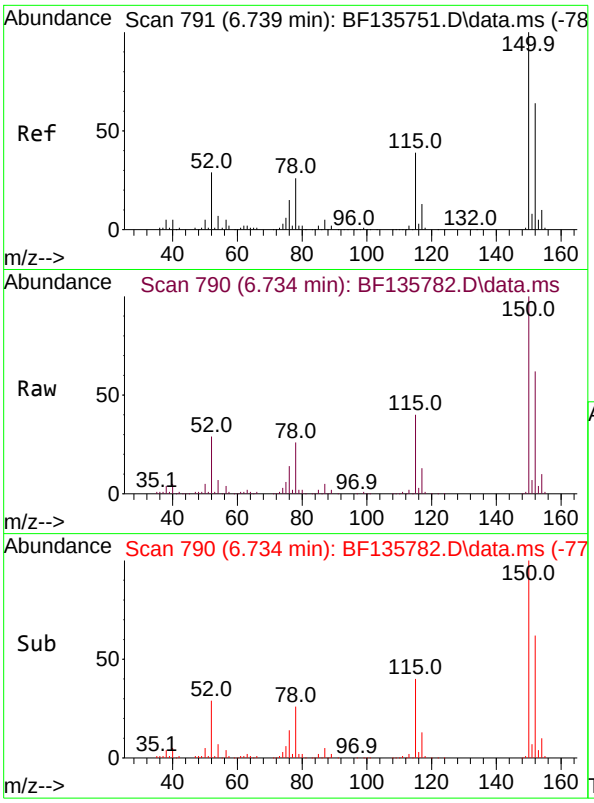


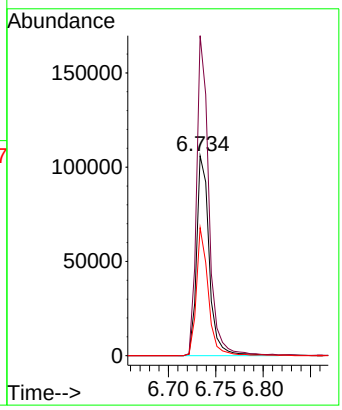


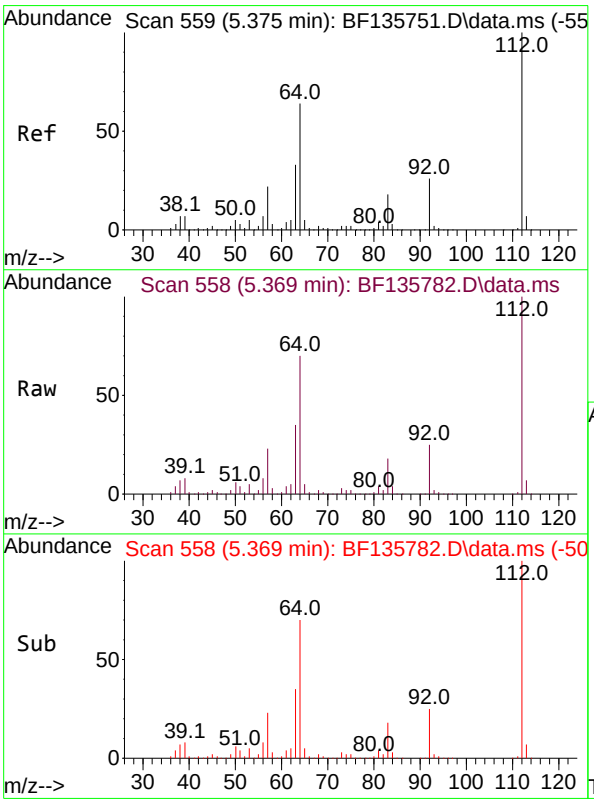
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98316

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.5	186.7
115	64.0	49.0	73.4

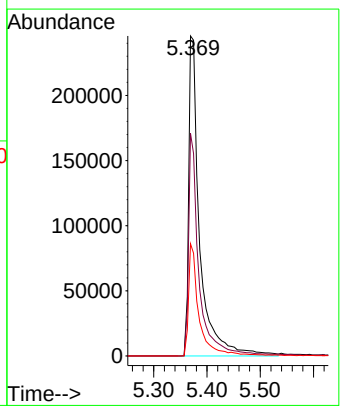


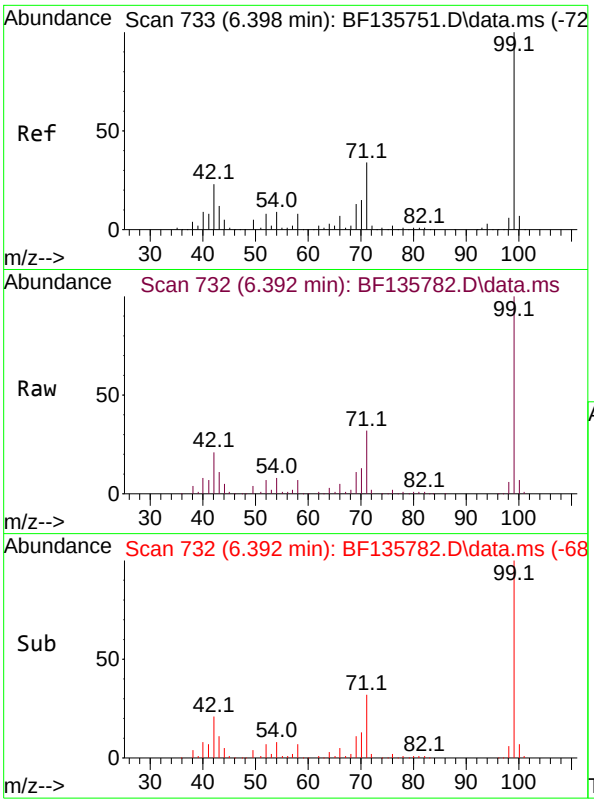


#5
2-Fluorophenol
Concen: 58.289 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:112 Resp: 356447

Ion	Ratio	Lower	Upper
112	100		
64	69.6	51.2	76.8
63	35.1	26.1	39.1



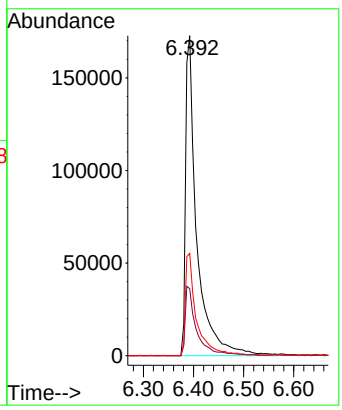


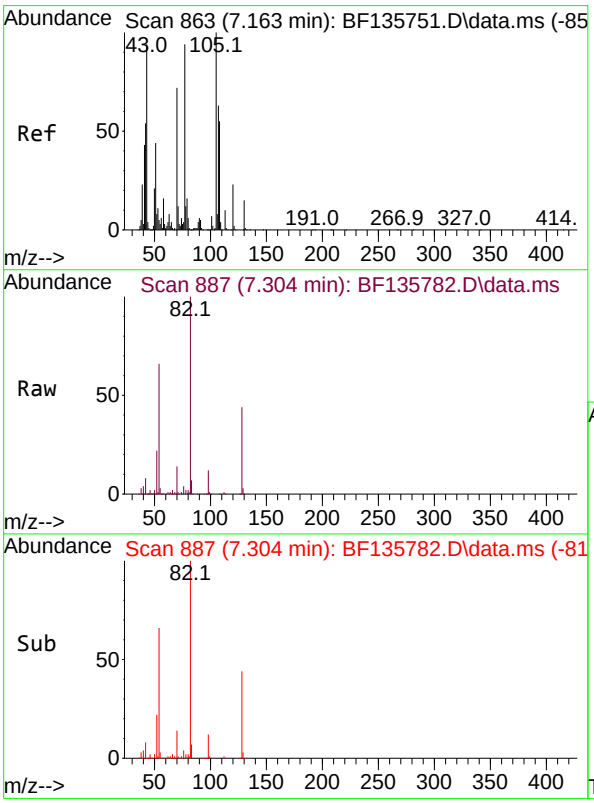
#7
Phenol-d6
Concen: 35.299 ng
RT: 6.392 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 269332

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.4	27.6
71	32.0	27.2	40.8

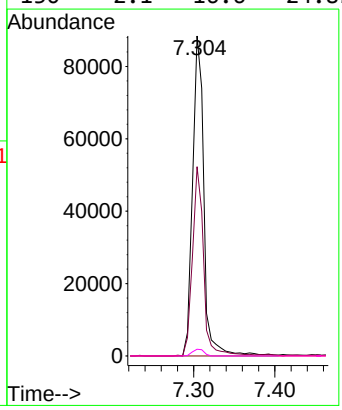


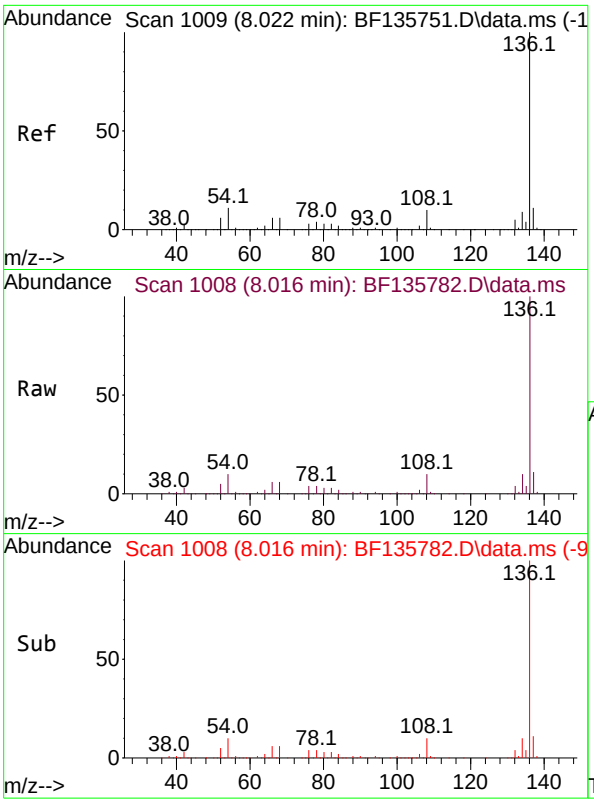


#19
n-Nitroso-di-n-propylamine
Concen: 18.215 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion: 70 Resp: 85935

Ion	Ratio	Lower	Upper
70	100		
42	59.1	59.8	89.6#
101	0.0	7.4	11.2#
130	2.1	16.6	24.8#



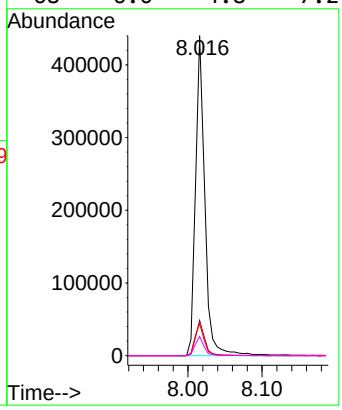


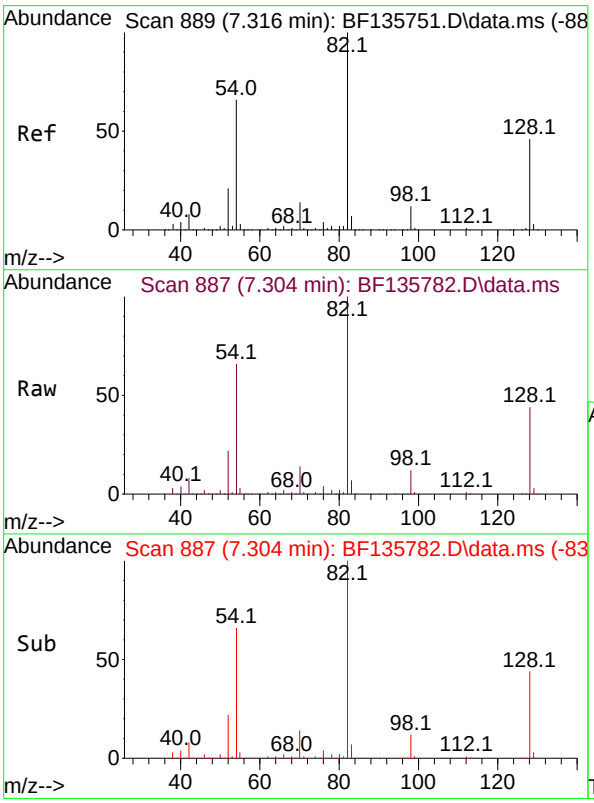
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 382727

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.0	8.5	12.7
68	6.0	4.8	7.2

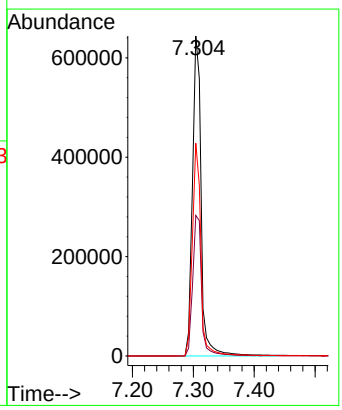


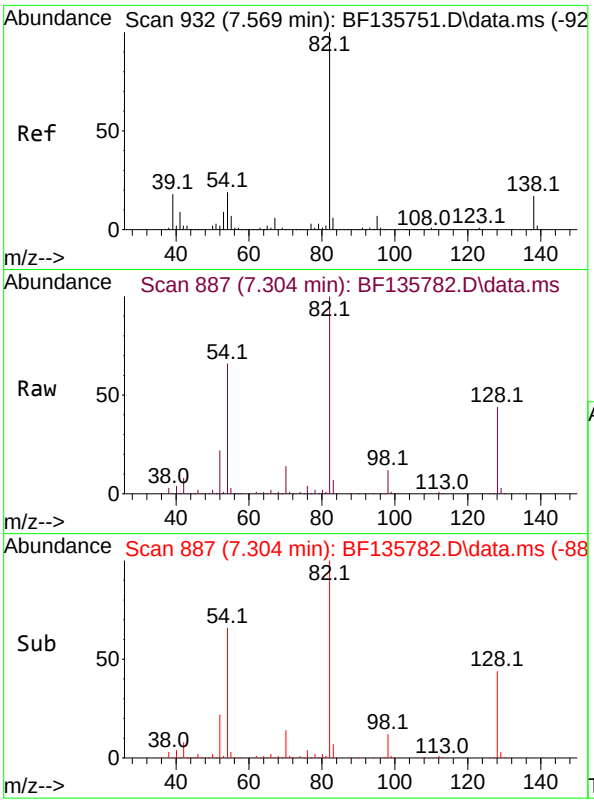


#23
Nitrobenzene-d5
Concen: 91.999 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion: 82 Resp: 640198

Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.0	55.6
54	66.5	52.8	79.2



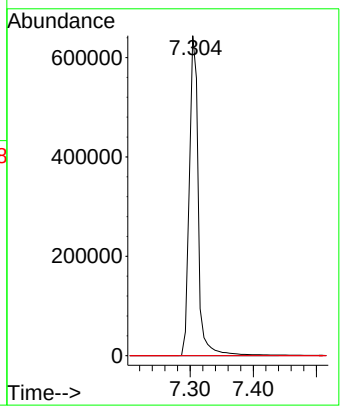


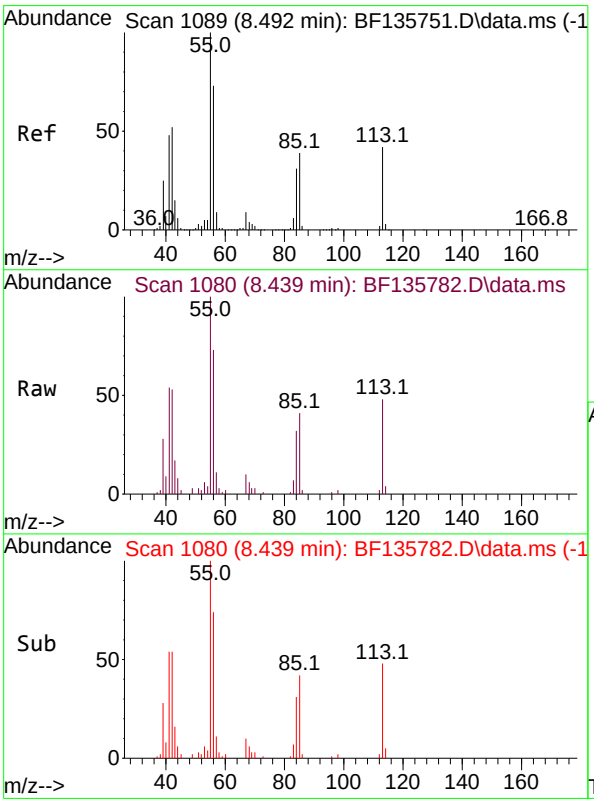
#25
Isophorone
Concen: 48.765 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 640191

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.9	20.9#

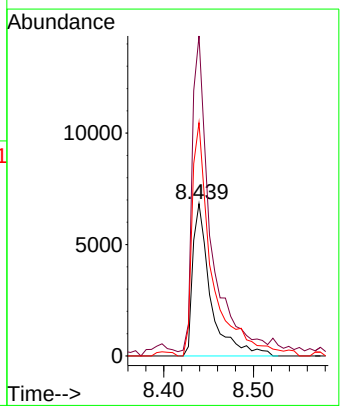


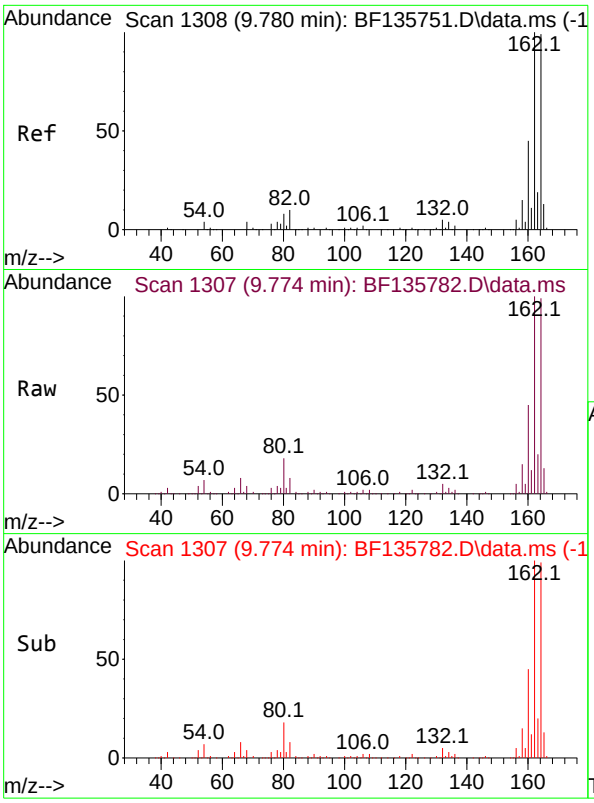


#35
Caprolactam
Concen: 5.275 ng
RT: 8.439 min Scan# 1080
Delta R.T. -0.059 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:113 Resp: 9482

Ion	Ratio	Lower	Upper
113	100		
55	210.1	217.4	257.4#
56	153.1	153.1	193.1



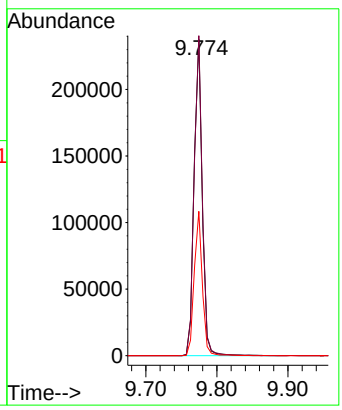


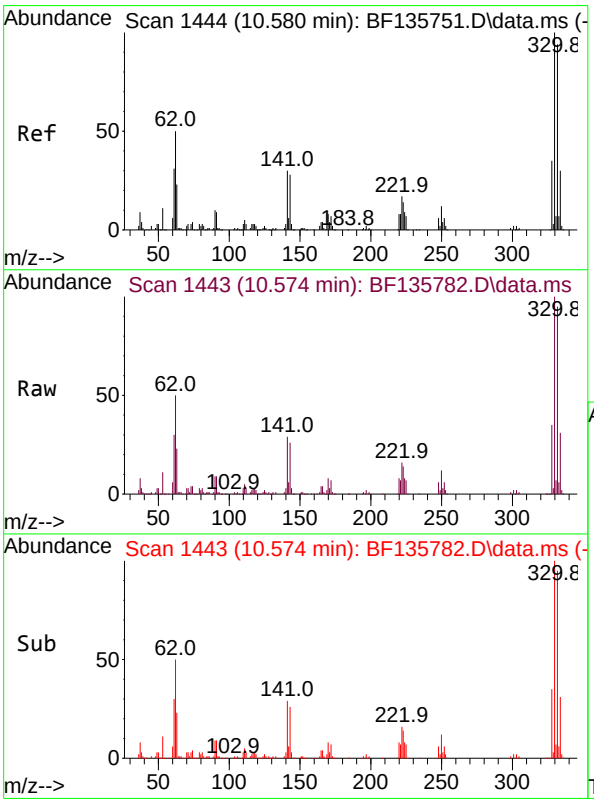
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 190148

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.8	121.2
160	45.6	36.6	54.8

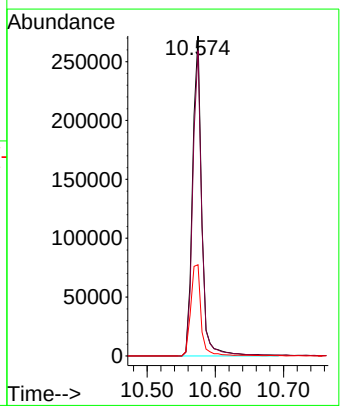


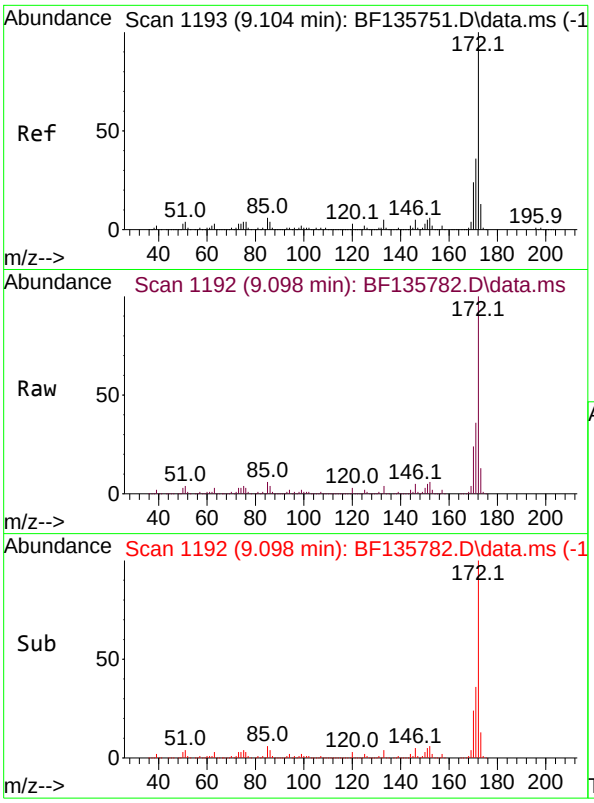


#42
2,4,6-Tribromophenol
Concen: 139.270 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:330 Resp: 254115

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.0	112.4
141	32.3	25.8	38.6



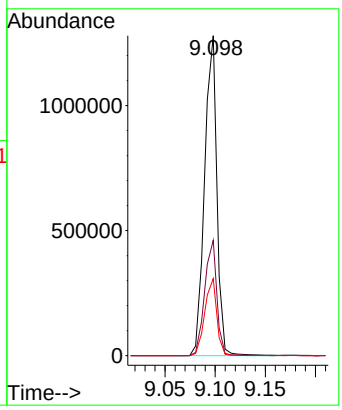


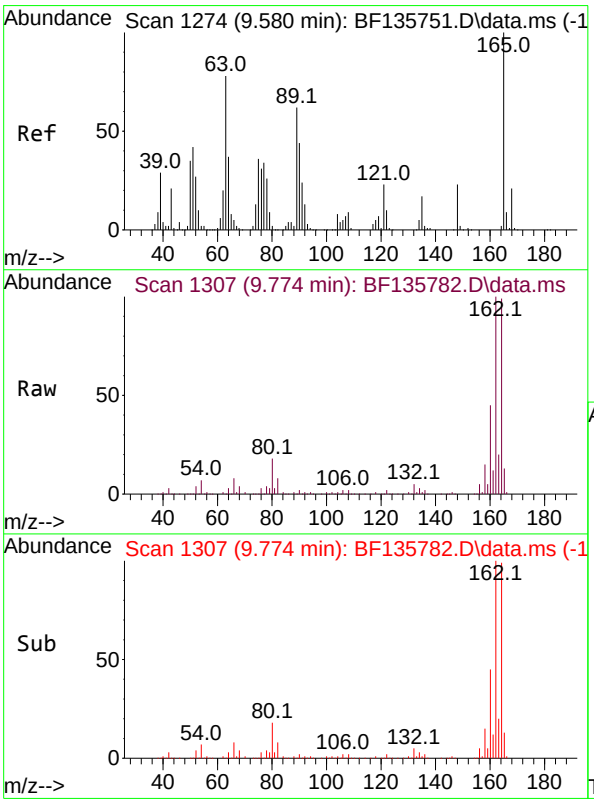
#45
2-Fluorobiphenyl
Concen: 89.921 ng
RT: 9.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1093582

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.4	42.6
170	24.1	18.8	28.2

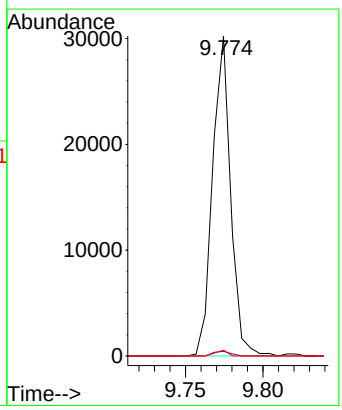


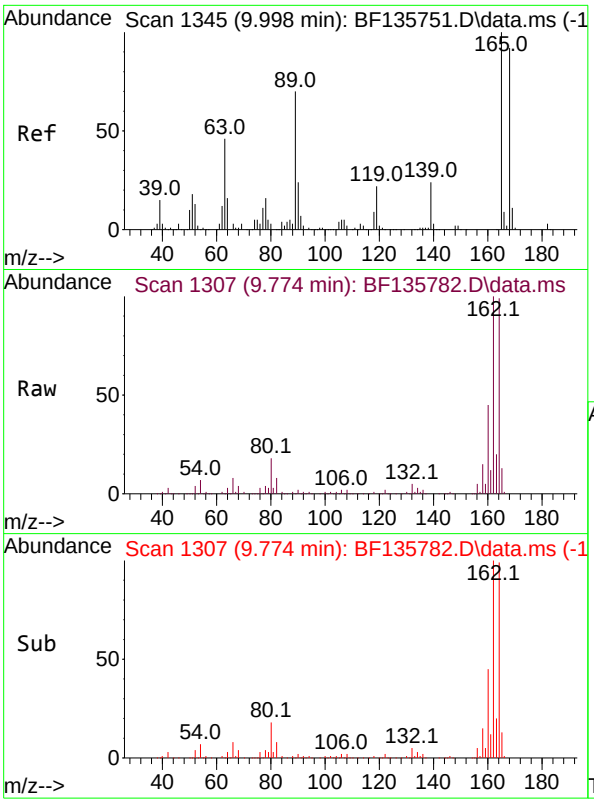


#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.188 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:165 Resp: 24498

Ion	Ratio	Lower	Upper
165	100		
63	1.4	62.2	93.4#
89	1.8	49.6	74.4#



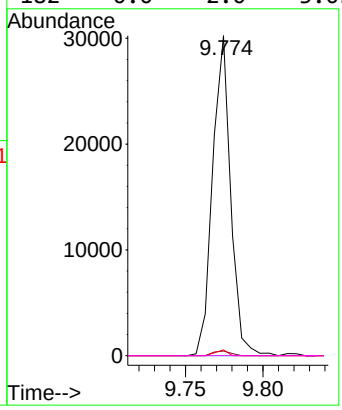


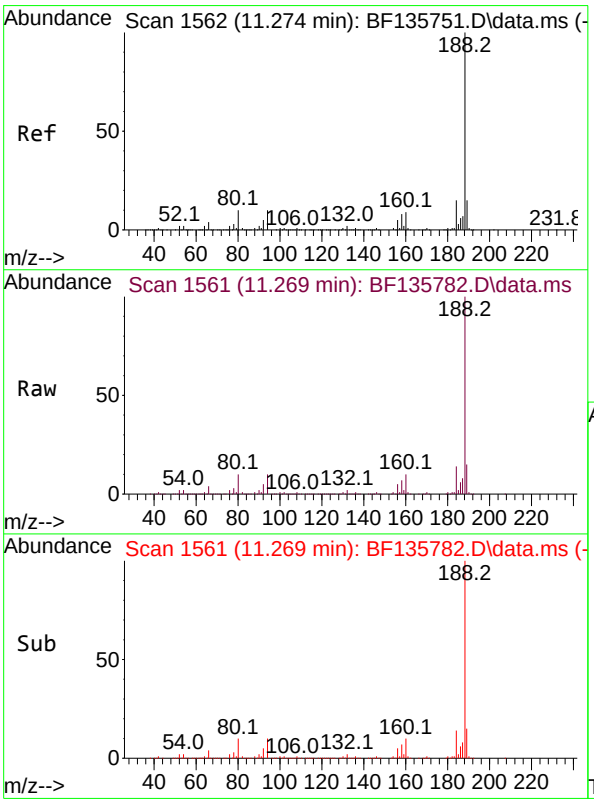
#57
2,4-Dinitrotoluene
Concen: 6.976 ng
RT: 9.774 min Scan# 1
Delta R.T. -0.230 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24498

Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.0	58.4#
89	1.8	55.9	83.9#
182	0.0	2.0	3.0#

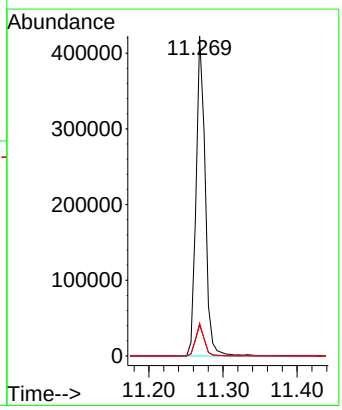


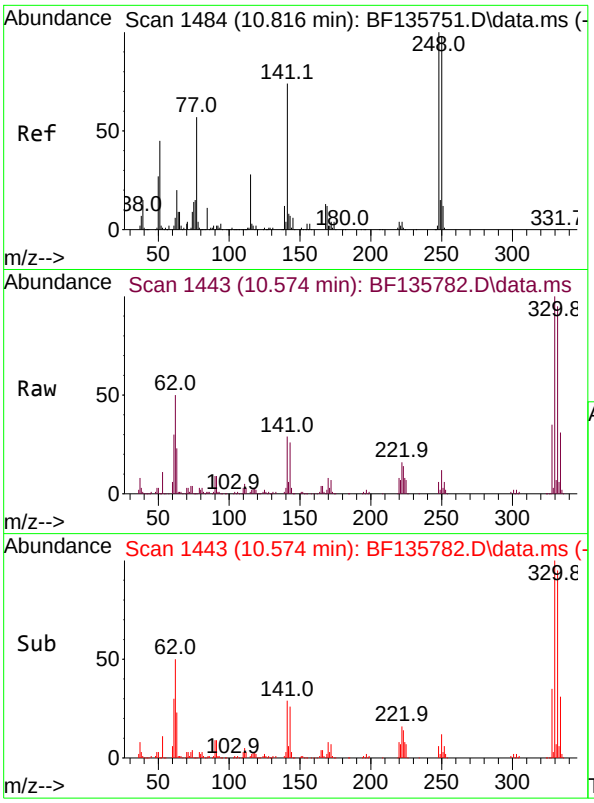


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:188 Resp: 360245

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.3	8.3	12.5



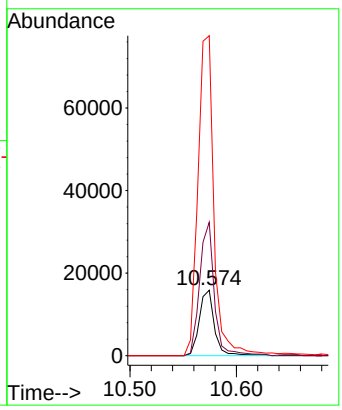


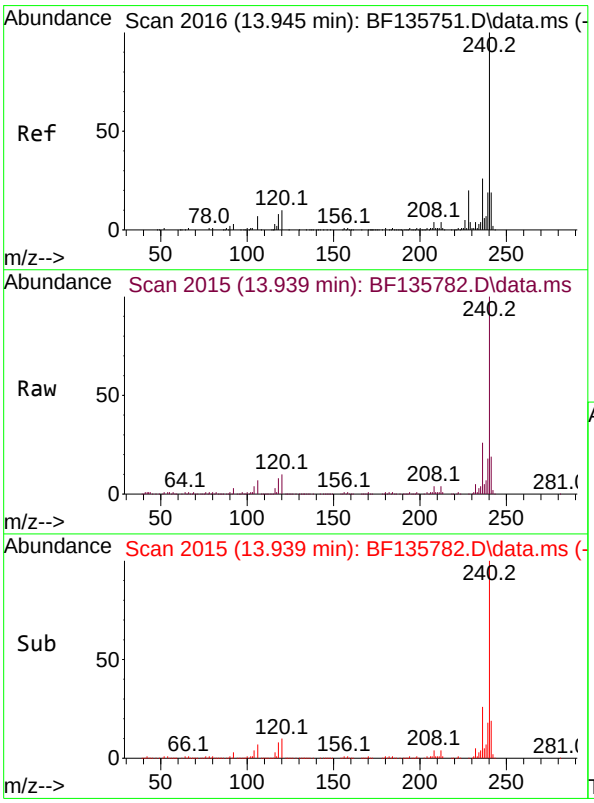
#67
4-Bromophenyl-phenylether
Concen: 4.350 ng
RT: 10.574 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15731

Ion	Ratio	Lower	Upper
248	100		
250	203.8	78.0	117.0#
141	488.8	59.0	88.6#

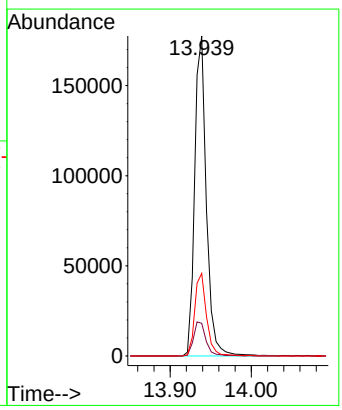


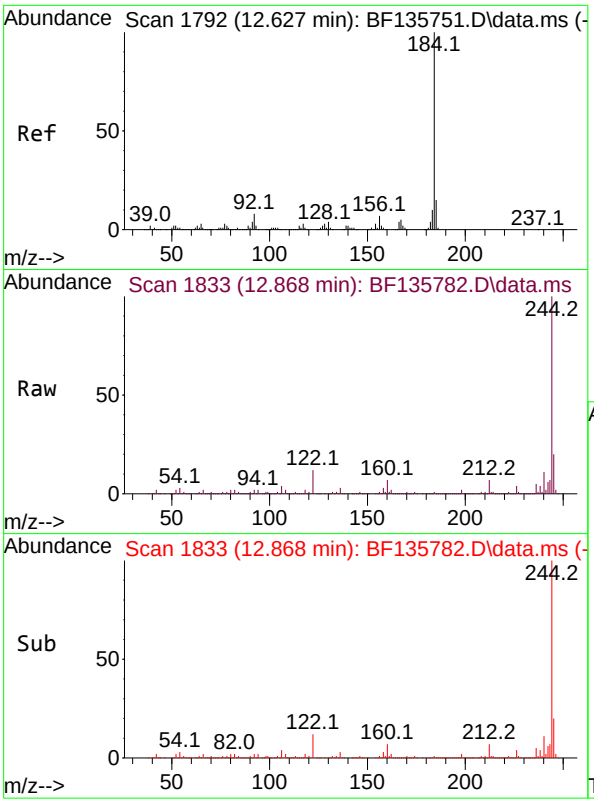


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:240 Resp: 178289

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	25.8	21.2	31.8



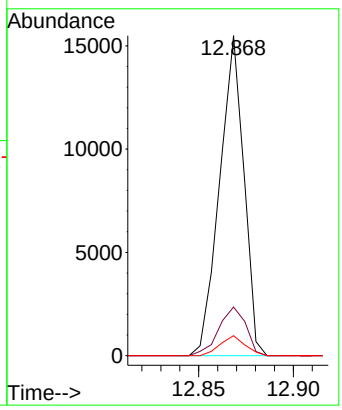


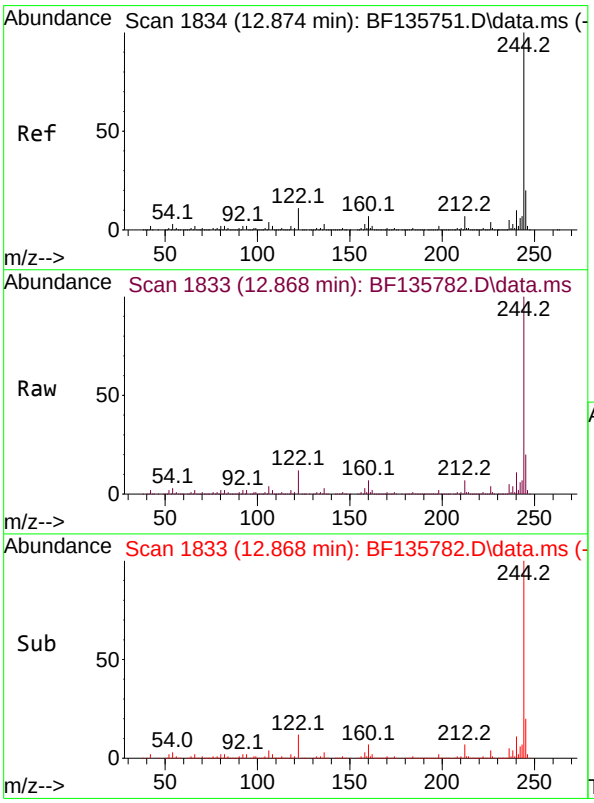
#77
Benzidine
Concen: 3.546 ng
RT: 12.868 min Scan# 1
Delta R.T. 0.235 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 13797

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.0	18.0
183	6.2	8.2	12.2#

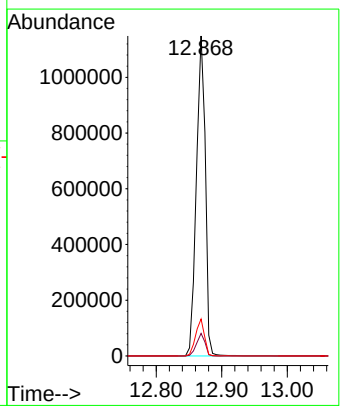


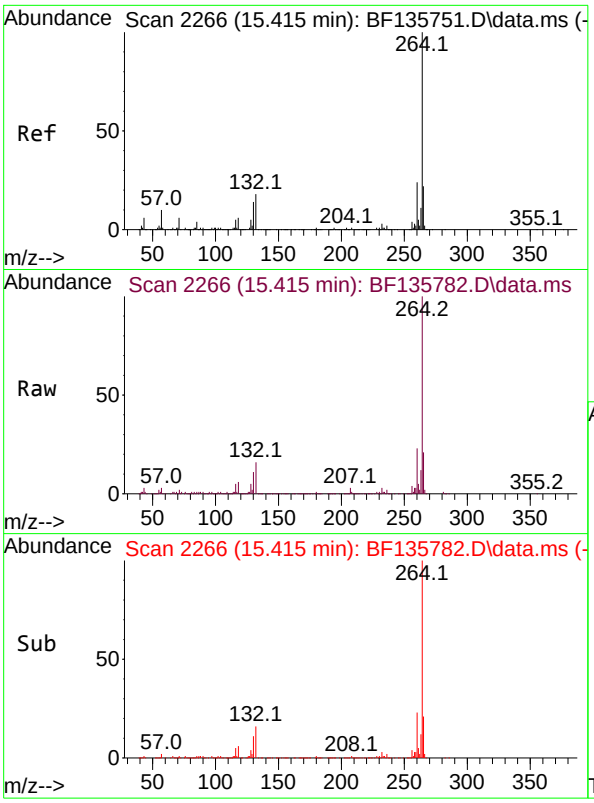


#79
Terphenyl-d14
Concen: 113.735 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Tgt Ion:244 Resp: 1094959

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.5	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF135782.D
Acq: 16 Oct 2023 18:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 197893

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.4	26.2