Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
Data File : BF139872.D
Acq On : 19 Oct 2024 15:27
Operator : RC/JU
Sample : P4426-35
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Quant Time: Oct 21 01:40:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	171810	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	614846	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	262055	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	226931	20.000	ng	# 0.03
76) Chrysene-d12	14.074	240	333883	20.000	ng	0.02
86) Perylene-d12	15.533	264	363697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	263657	24.024	ng	0.00
7) Phenol-d6	6.498	99	457338	32.175	ng	-0.01
23) Nitrobenzene-d5	7.445	82	431654	38.910	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	31679	12.924	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	757082	47.747	ng	0.00
79) Terphenyl-d14	13.039	244	528833	25.809	ng	0.04
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	58509	6.787	ng	# 79
25) Isophorone	7.445	82	430596	20.450	ng	# 67
51) 2,6-Dinitrotoluene	9.675	165	45717	12.935	ng	# 26
53) 3-Nitroaniline	9.910	138	9589	2.631	ng	# 28
54) 2,4-Dinitrophenol	9.969	184	258	6.689	ng	# 1
56) 4-Nitrophenol	9.986	139	6131	2.187	ng	# 1
57) 2,4-Dinitrotoluene	10.092	165	8851	2.037	ng	# 39
62) 4-Nitroaniline	10.433	138	9766	2.837	ng	78
69) Atrazine	11.145	200	6571	3.571	ng	# 1
71) Phenanthrene	11.469	178	28049	2.617	ng	# 1

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

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Quant Time: Oct 21 01:40:45 2024
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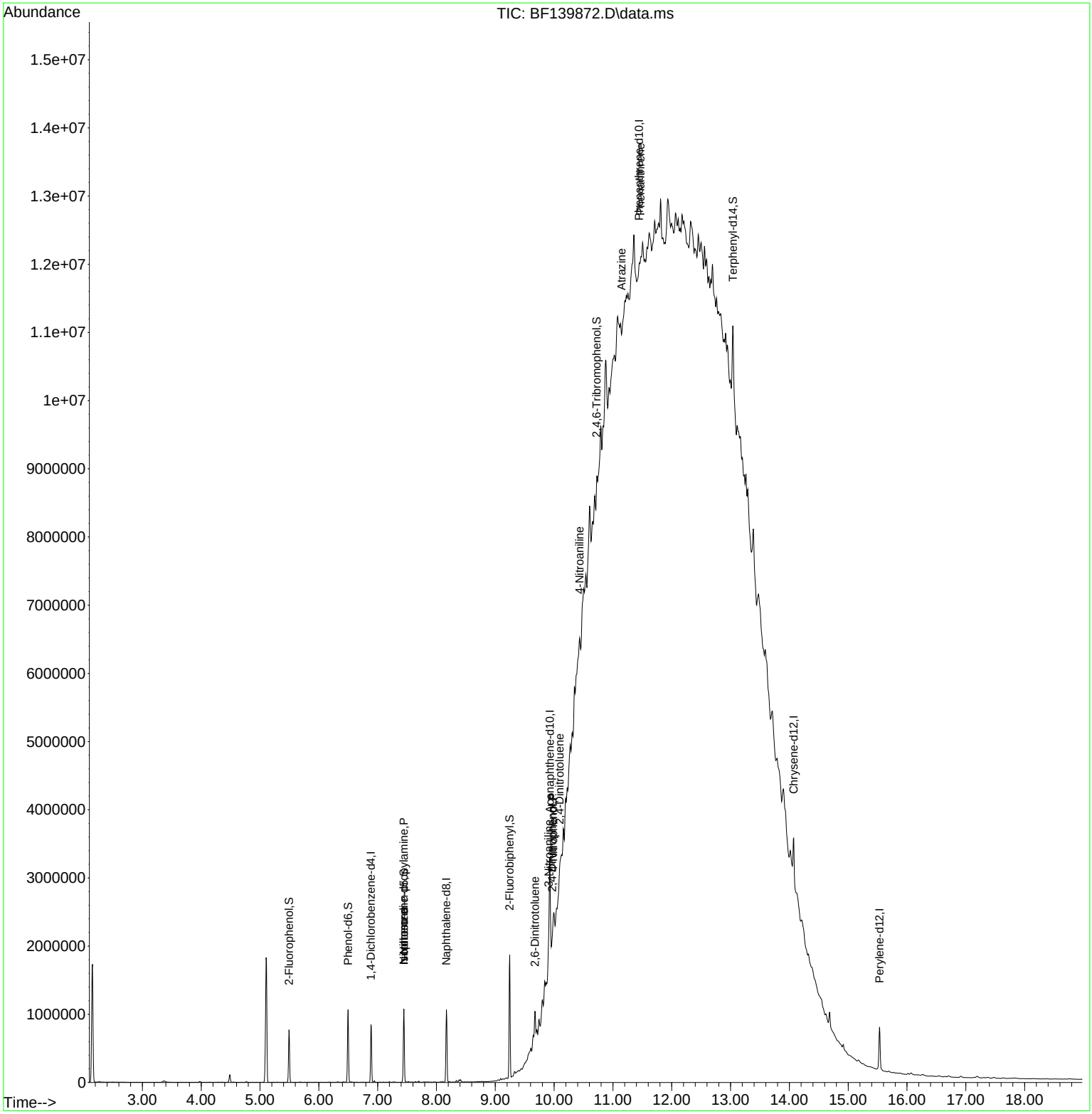
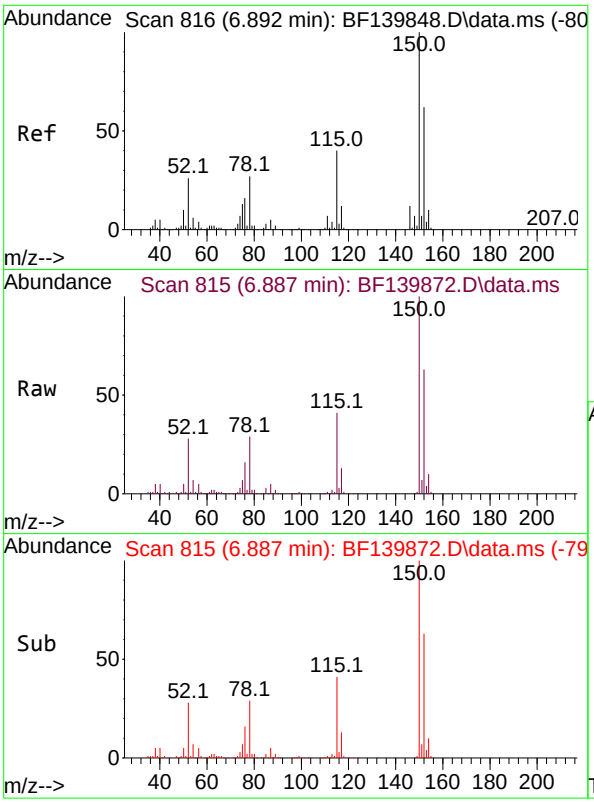
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration



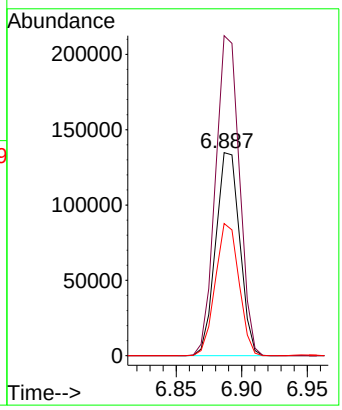


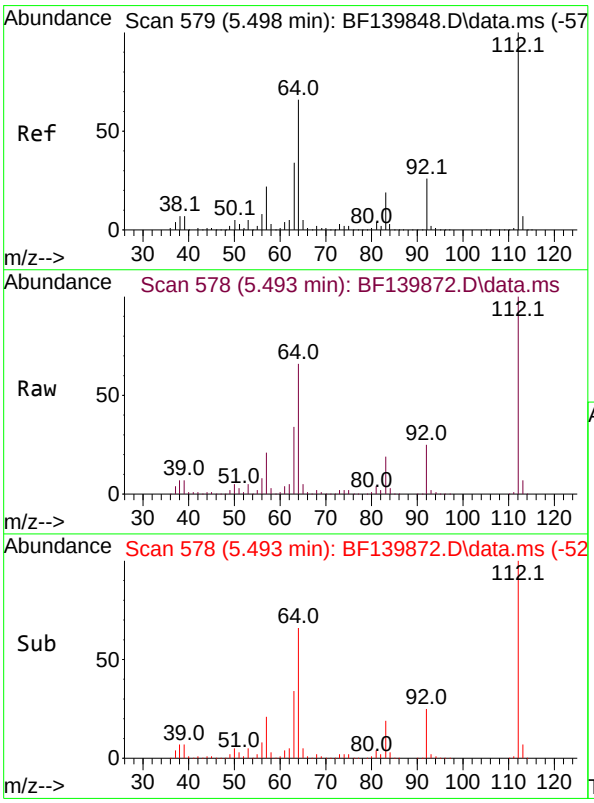
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 8
Delta R.T. -0.005 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:152 Resp: 171810

Ion	Ratio	Lower	Upper
152	100		
150	157.6	130.2	195.2
115	65.1	51.4	77.2

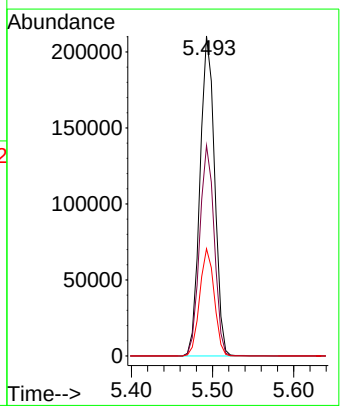


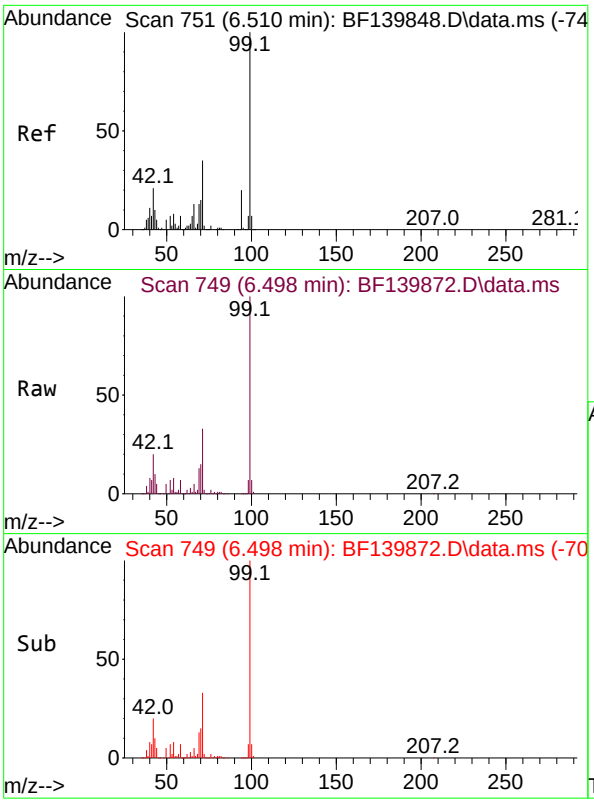


#5
2-Fluorophenol
Concen: 24.024 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:112 Resp: 263657

Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.0	79.6
63	33.5	27.0	40.4



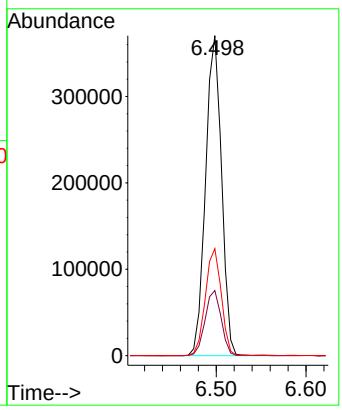


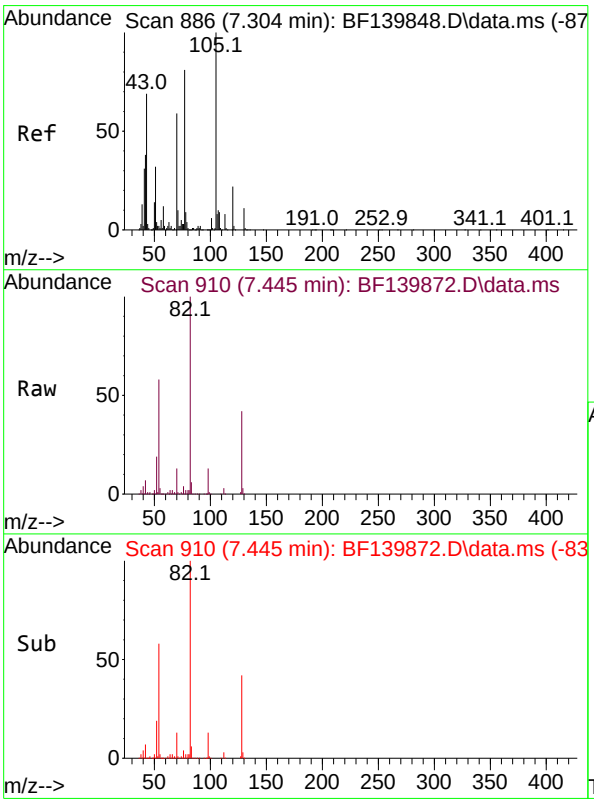
#7
Phenol-d6
Concen: 32.175 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion: 99 Resp: 457338

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.7	25.1
71	33.5	27.7	41.5

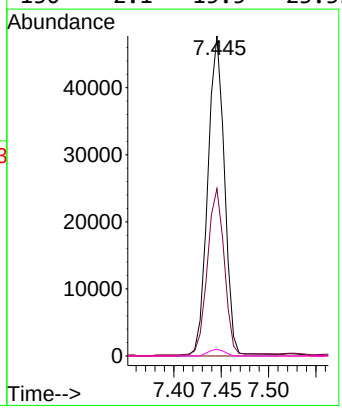


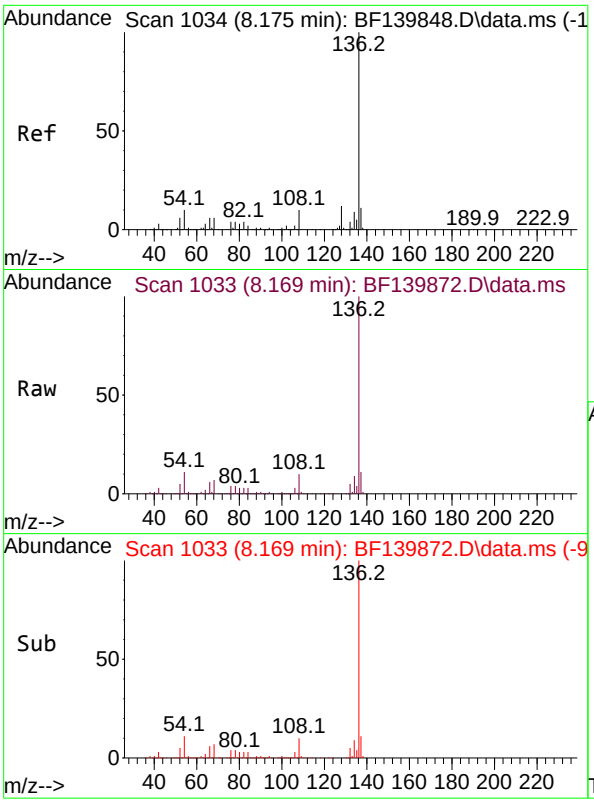


#19
n-Nitroso-di-n-propylamine
Concen: 6.787 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion: 70 Resp: 58509

Ion	Ratio	Lower	Upper
70	100		
42	52.3	51.5	77.3
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



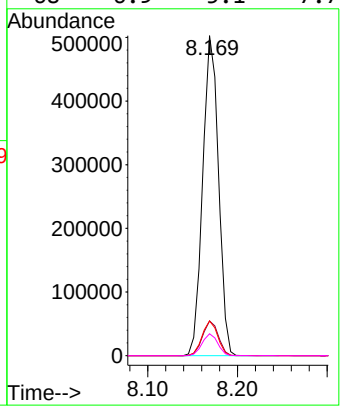


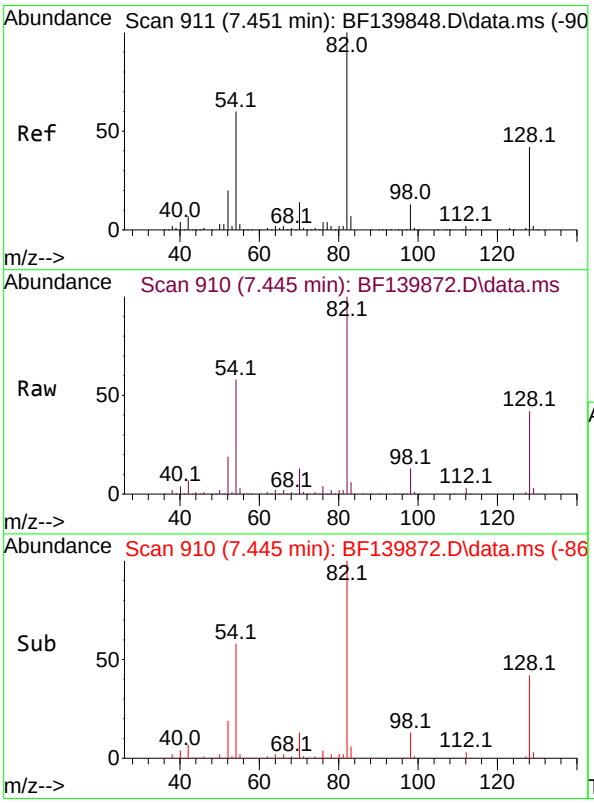
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:136 Resp: 614846

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.9	8.4	12.6
68	6.9	5.1	7.7

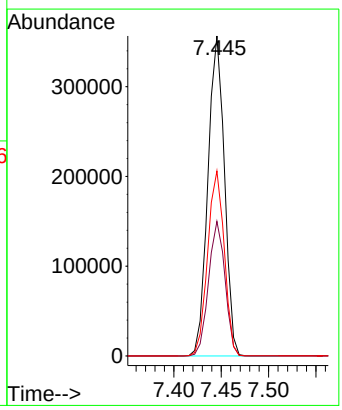


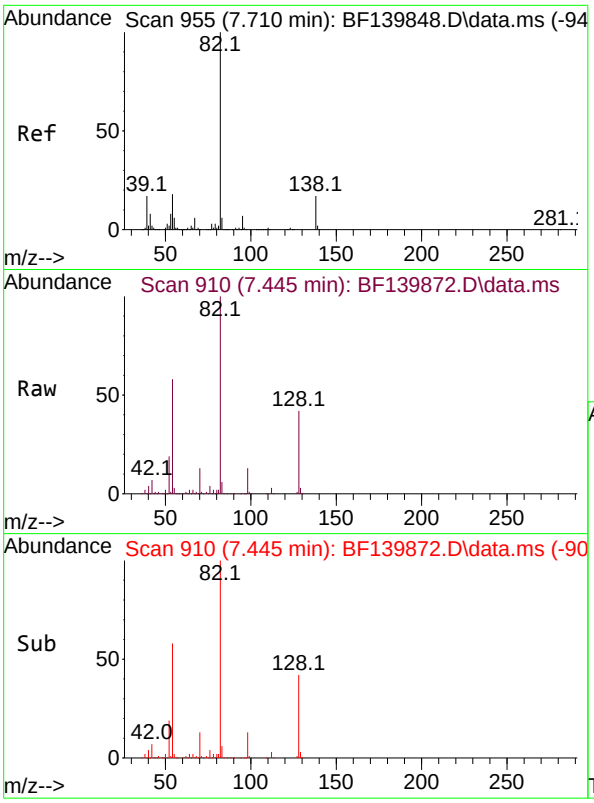


#23
Nitrobenzene-d5
Concen: 38.910 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion: 82 Resp: 431654

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	57.8	47.8	71.8



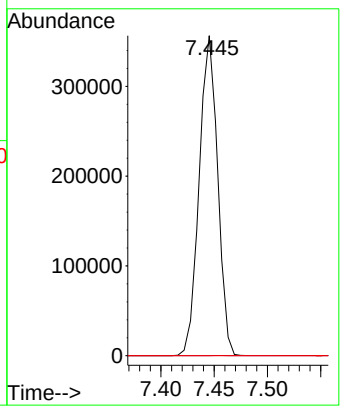


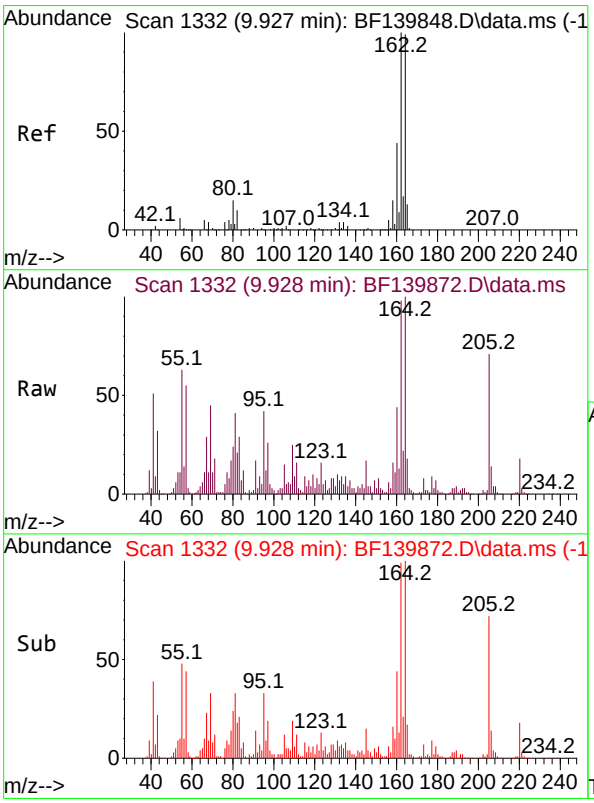
#25
Isophorone
Concen: 20.450 ng
RT: 7.445 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion: 82 Resp: 430596

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.2	19.8#

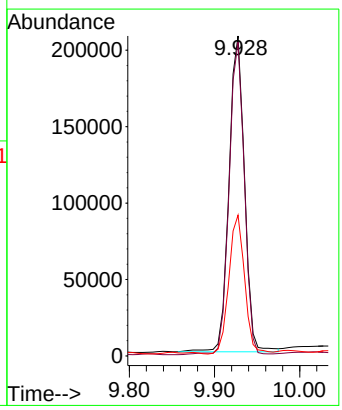


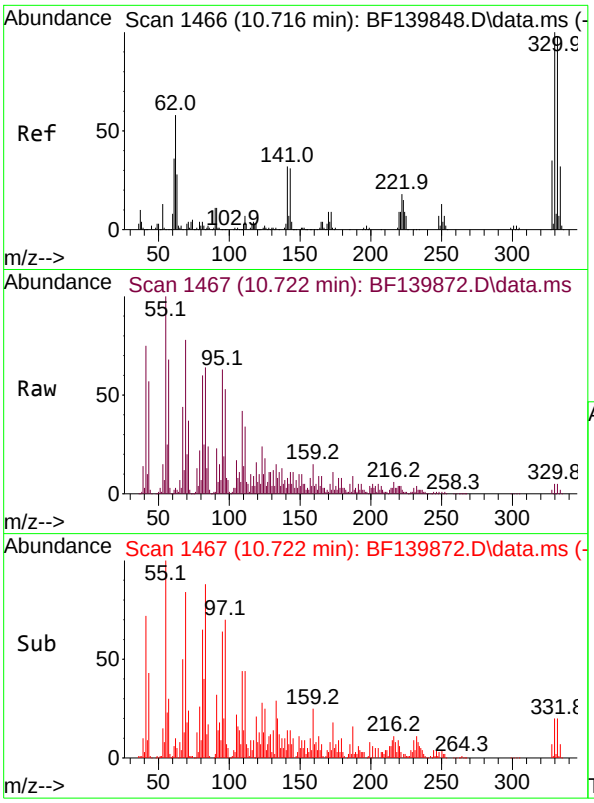


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:164 Resp: 262055

Ion	Ratio	Lower	Upper
164	100		
162	98.1	81.0	121.4
160	44.0	35.4	53.0



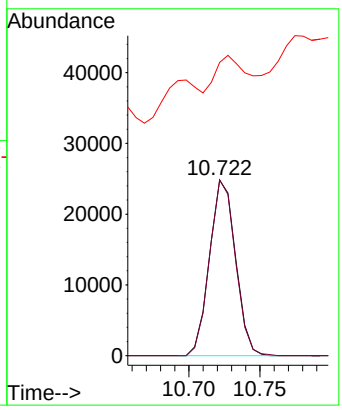


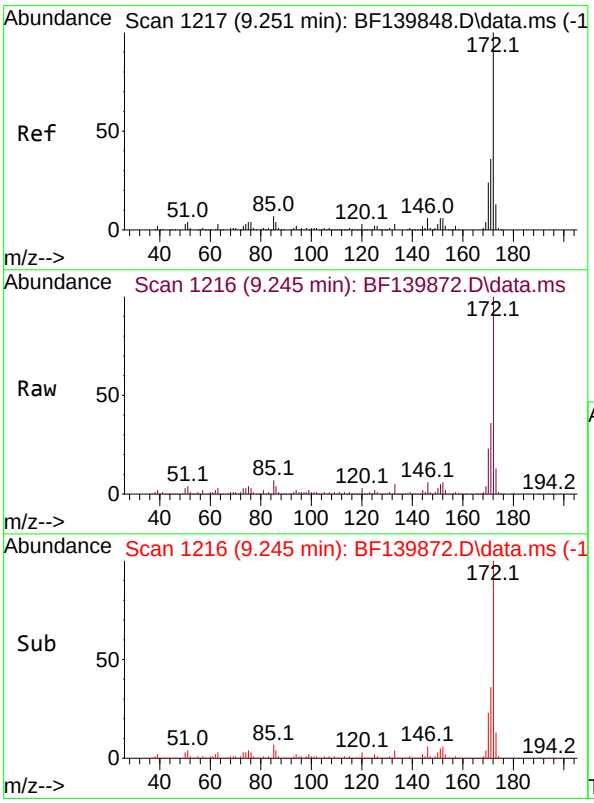
#42
2,4,6-Tribromophenol
Concen: 12.924 ng
RT: 10.722 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:330 Resp: 31679

Ion	Ratio	Lower	Upper
330	100		
332	99.0	78.1	117.1
141	25.2	26.6	39.8#

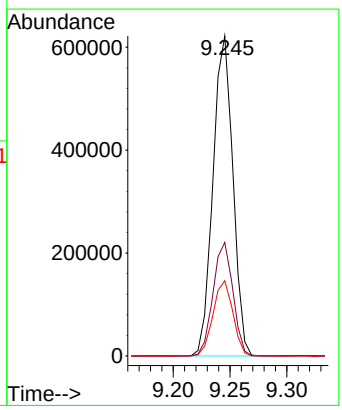


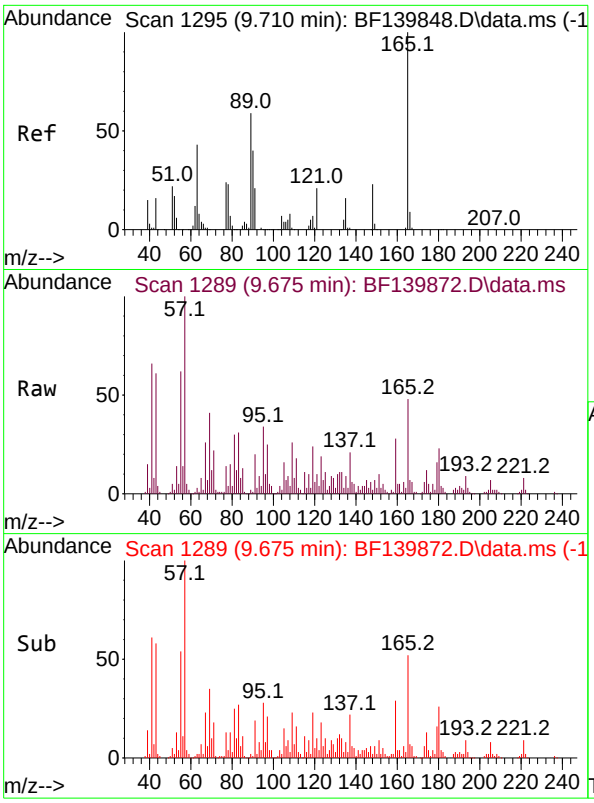


#45
2-Fluorobiphenyl
Concen: 47.747 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:172 Resp: 757082

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	19.1	28.7



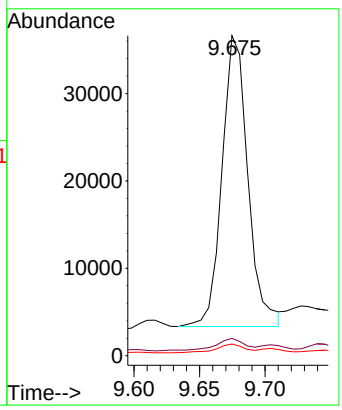


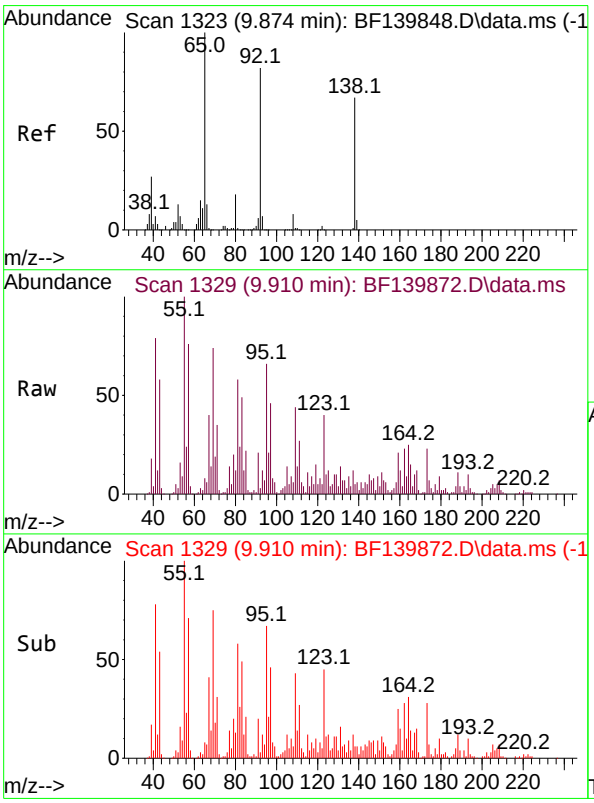
#51
2,6-Dinitrotoluene
Concen: 12.935 ng
RT: 9.675 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:165 Resp: 45717

Ion	Ratio	Lower	Upper
165	100		
63	5.4	50.6	75.8#
89	3.7	47.5	71.3#

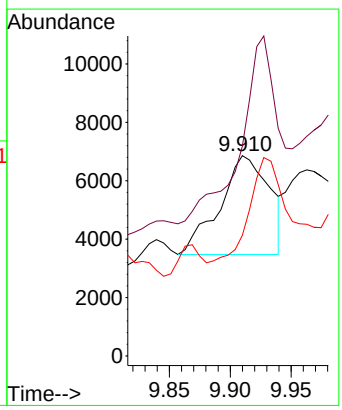


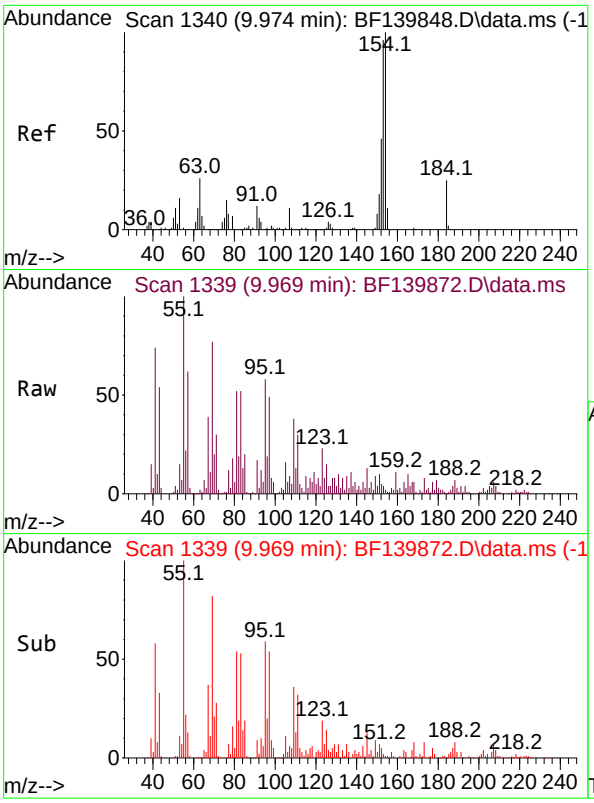


#53
3-Nitroaniline
Concen: 2.631 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.035 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:138 Resp: 9589

Ion	Ratio	Lower	Upper
138	100		
108	104.7	10.2	15.2#
92	60.2	98.3	147.5#



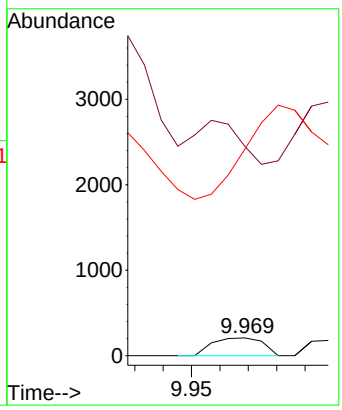


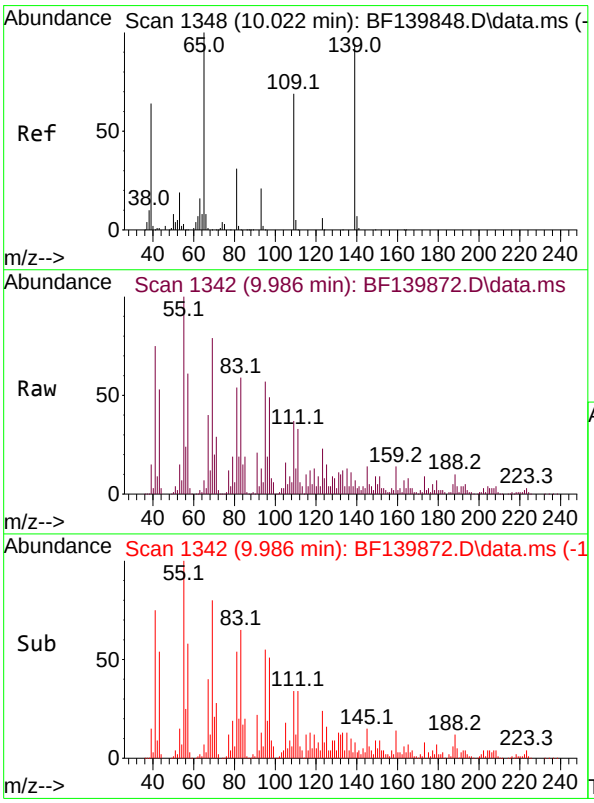
#54
2,4-Dinitrophenol
Concen: 6.689 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:184 Resp: 258

Ion	Ratio	Lower	Upper
184	100		
63	1173.2	84.7	127.1#
154	1155.5	338.2	507.2#

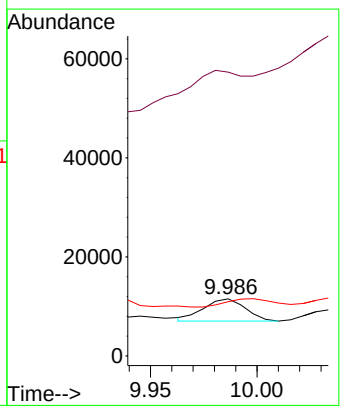


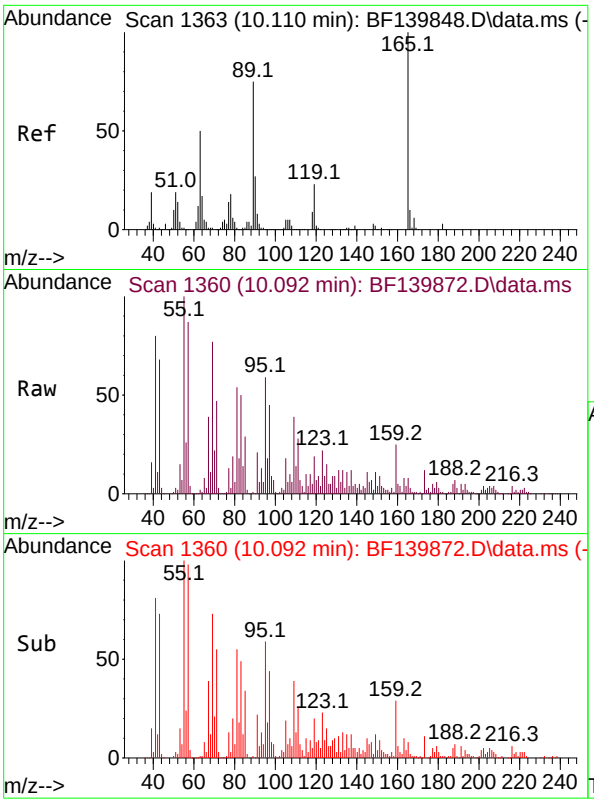


#56
4-Nitrophenol
Concen: 2.187 ng
RT: 9.986 min Scan# 1342
Delta R.T. -0.035 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:139 Resp: 6131

Ion	Ratio	Lower	Upper
139	100		
109	496.4	53.6	93.6#
65	95.0	87.8	127.8



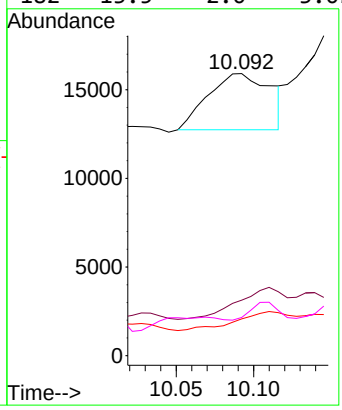


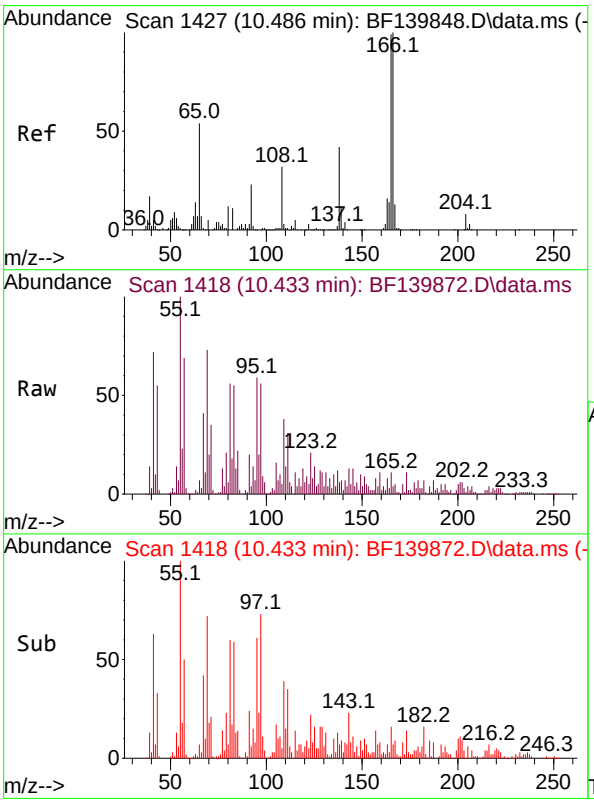
#57
2,4-Dinitrotoluene
Concen: 2.037 ng
RT: 10.092 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:165 Resp: 8851

Ion	Ratio	Lower	Upper
165	100		
63	19.7	40.1	60.1#
89	13.0	60.4	90.6#
182	13.5	2.0	3.0#

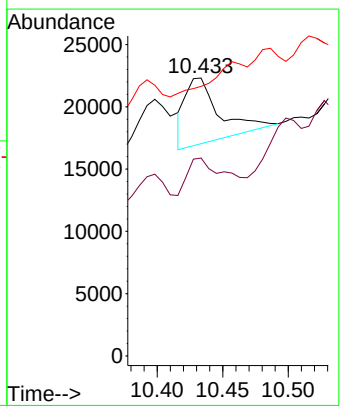


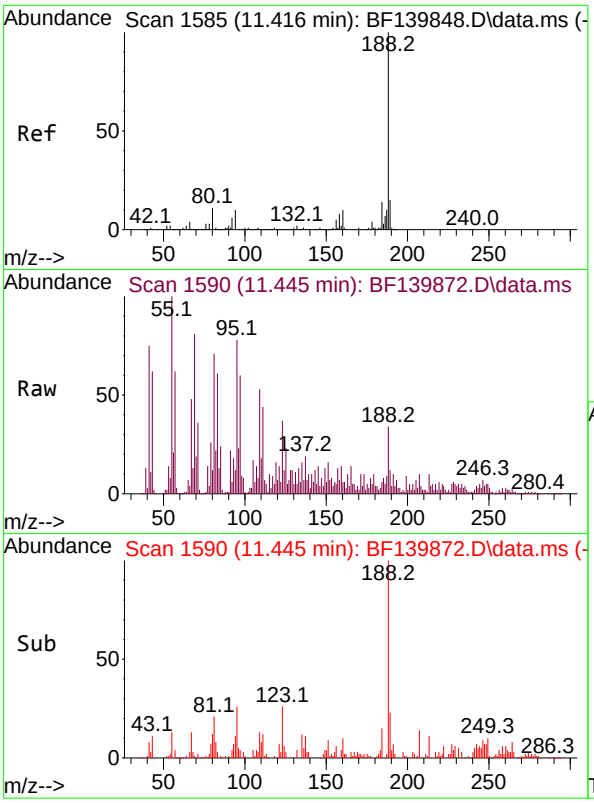


#62
4-Nitroaniline
Concen: 2.837 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.053 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:138 Resp: 9766

Ion	Ratio	Lower	Upper
138	100		
92	71.2	35.7	75.7
108	97.0	57.5	97.5



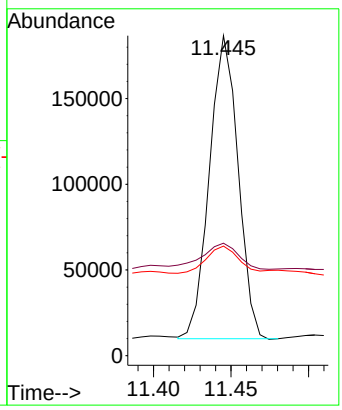


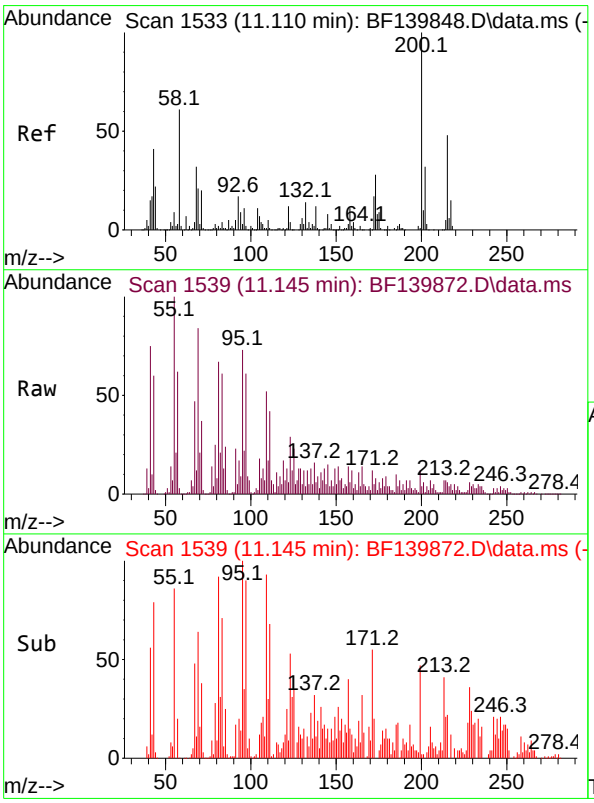
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1
Delta R.T. 0.030 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:188 Resp: 226931

Ion	Ratio	Lower	Upper
188	100		
94	35.1	7.9	11.9#
80	34.3	9.0	13.4#

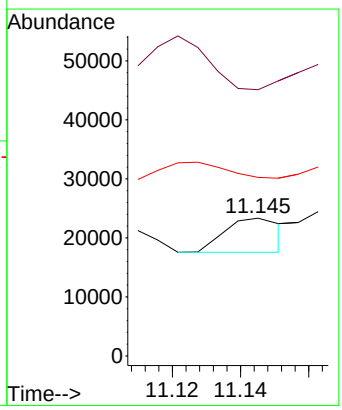


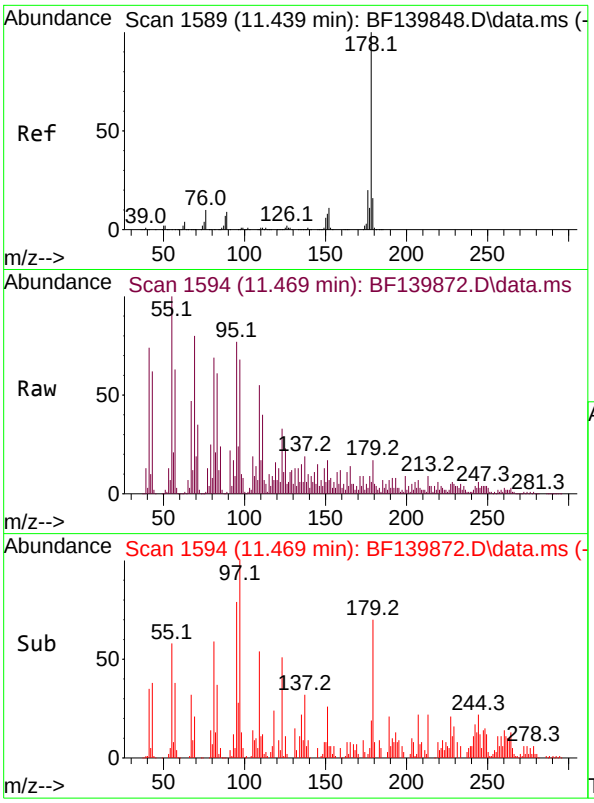


#69
Atrazine
Concen: 3.571 ng
RT: 11.145 min Scan# 1539
Delta R.T. 0.035 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:200 Resp: 6571

Ion	Ratio	Lower	Upper
200	100		
173	193.2	7.7	47.7#
215	129.6	27.7	67.7#



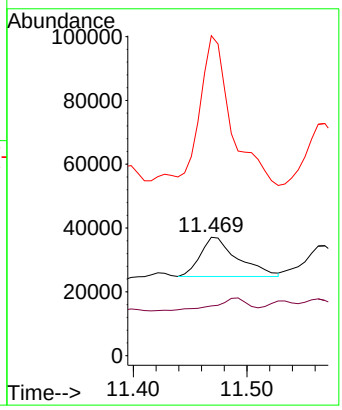


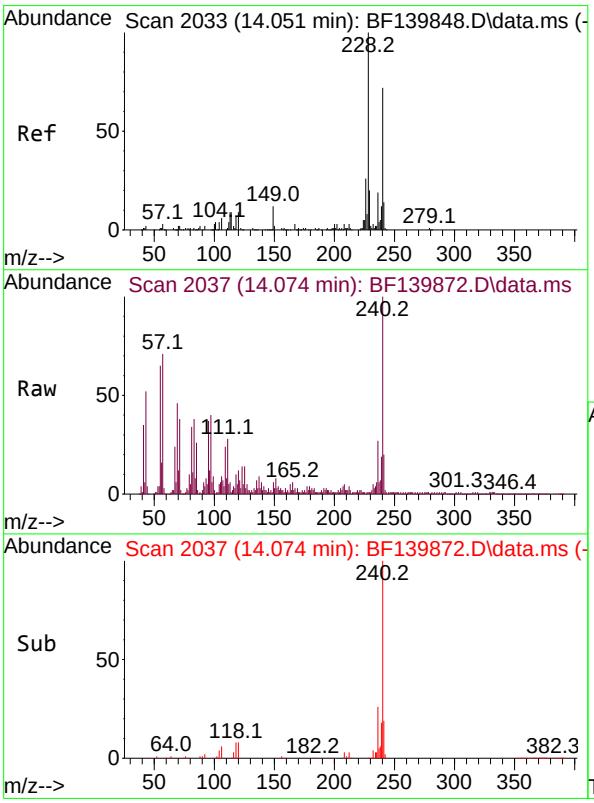
#71
Phenanthrene
Concen: 2.617 ng
RT: 11.469 min Scan# 1
Delta R.T. 0.030 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:178 Resp: 28049

Ion	Ratio	Lower	Upper
178	100		
176	42.0	15.8	23.6#
179	270.2	12.6	18.8#

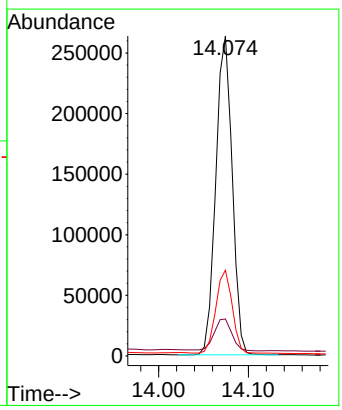


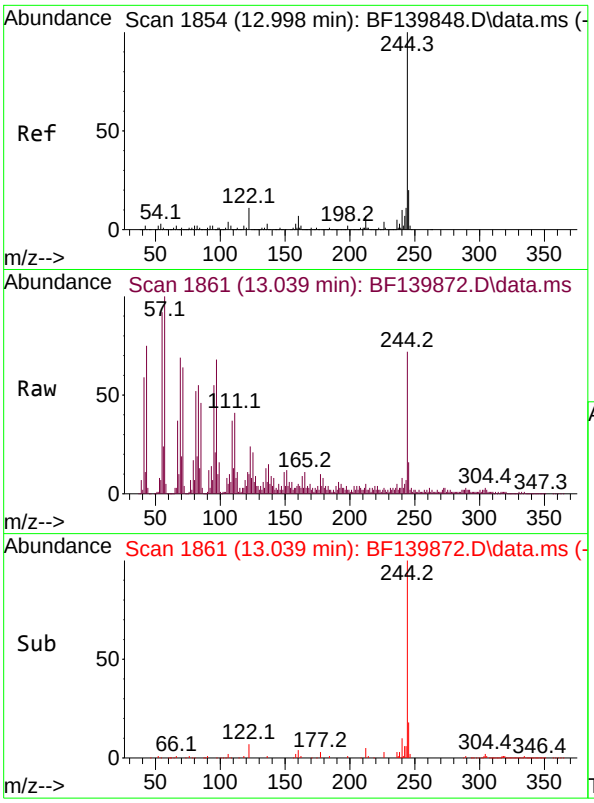


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:240 Resp: 333883

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.2
236	26.8	20.9	31.3



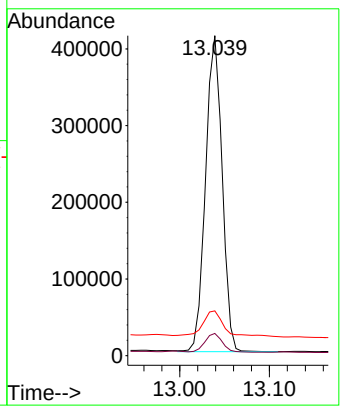


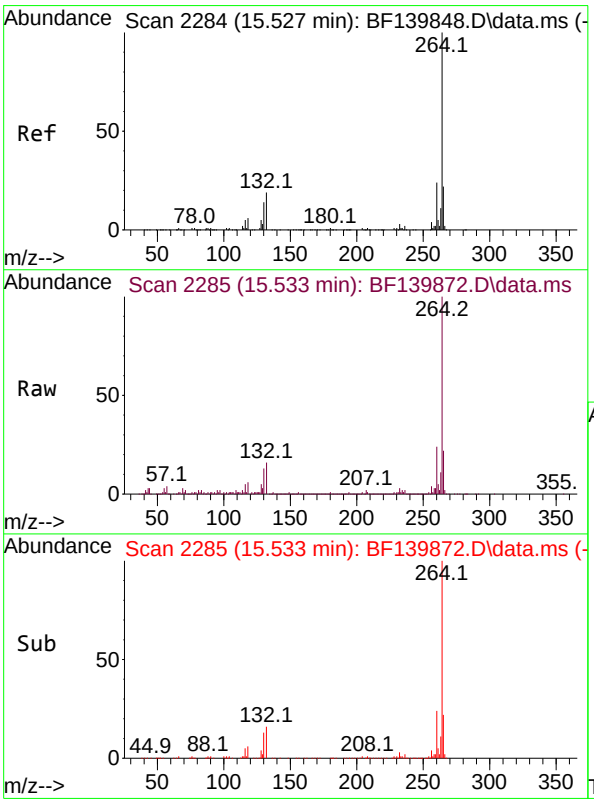
#79
Terphenyl-d14
Concen: 25.809 ng
RT: 13.039 min Scan# 1
Delta R.T. 0.041 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:244 Resp: 528833

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	14.0	8.6	13.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:264 Resp: 363697

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.9	17.4	26.0