Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
Data File : BF139375.D
Acq On : 14 Sep 2024 18:33
Operator : RC/JU
Sample : P3989-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Sep 16 01:59:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	56035	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	206074	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	115533	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	205688	20.000	ng	0.00
76) Chrysene-d12	14.027	240	99793	20.000	ng	0.00
86) Perylene-d12	15.492	264	106058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	432619	125.948	ng	0.02
7) Phenol-d6	6.504	99	526777	116.840	ng	0.00
23) Nitrobenzene-d5	7.440	82	393255	89.713	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	154604	125.696	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	729679	88.580	ng	0.00
79) Terphenyl-d14	12.980	244	623233	102.509	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	55490	20.770	ng	# 76
25) Isophorone	7.440	82	392207	56.575	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	15057	8.963	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	15057	6.639	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	10839	5.318	ng	# 1
77) Benzidine	12.980	184	10368	7.252	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
Data File : BF139375.D
Acq On : 14 Sep 2024 18:33
Operator : RC/JU
Sample : P3989-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Sep 16 01:59:05 2024
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QLast Update : Sat Sep 14 02:58:23 2024
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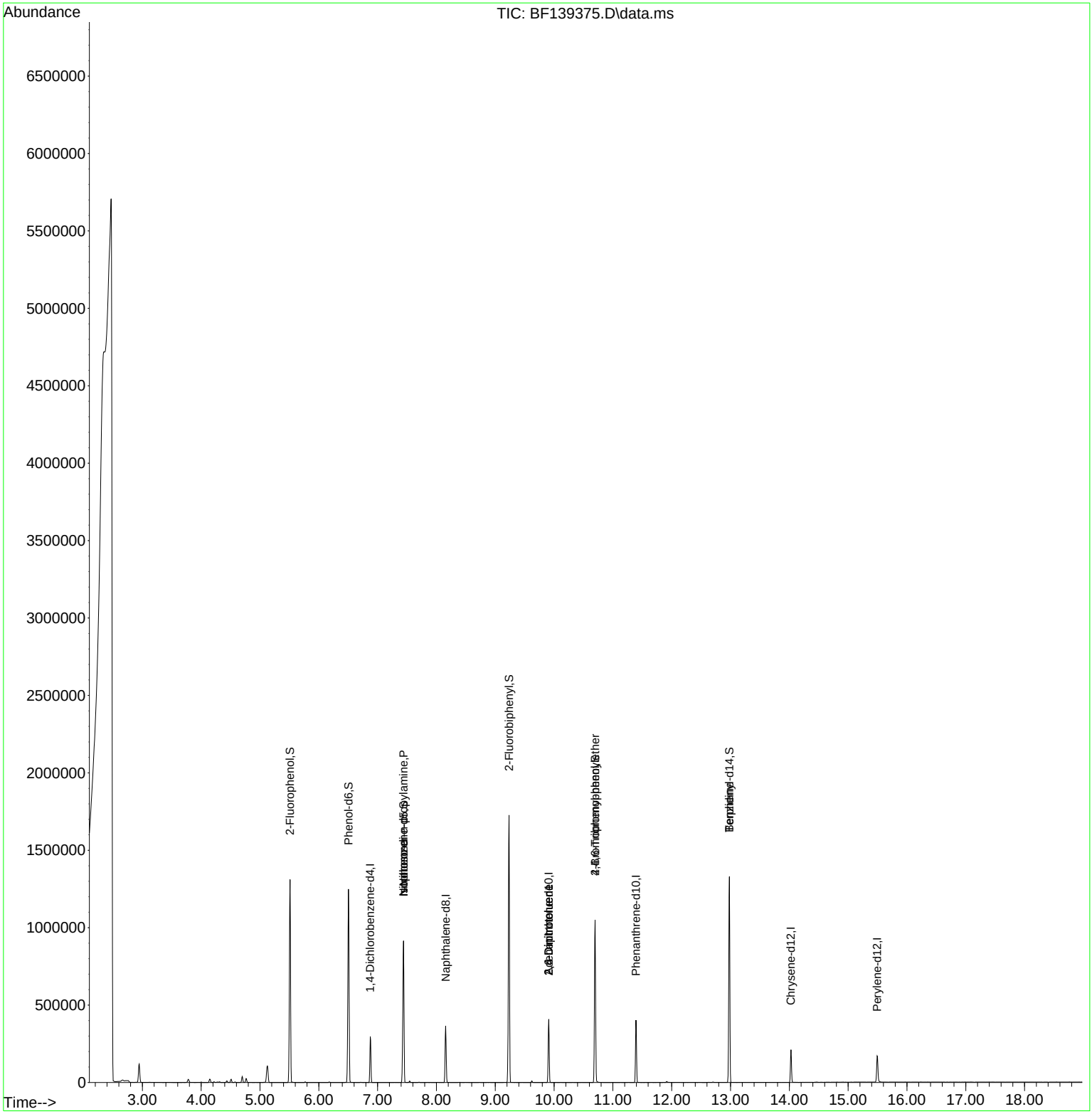
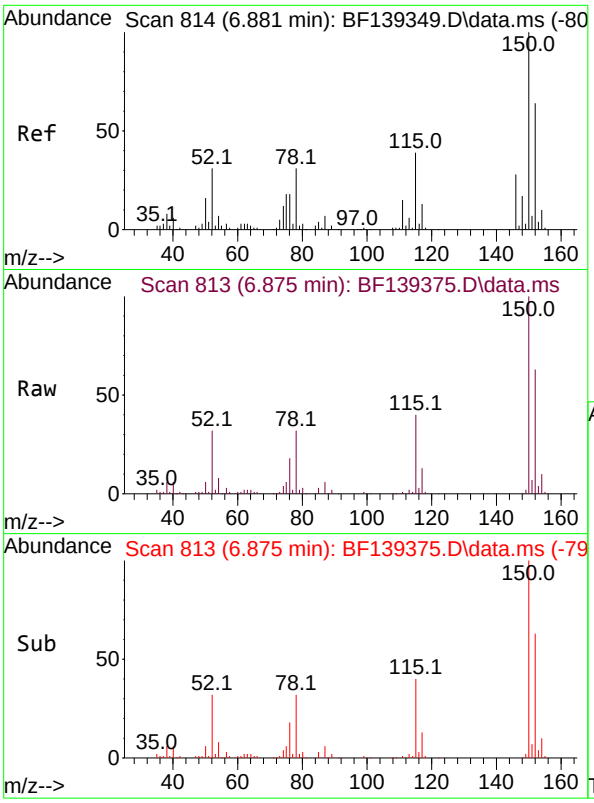


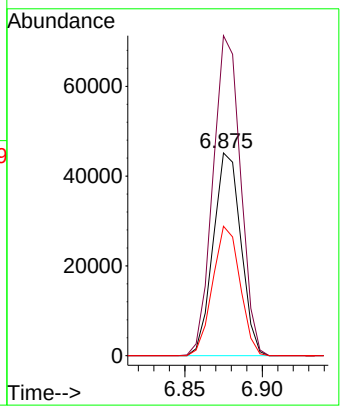


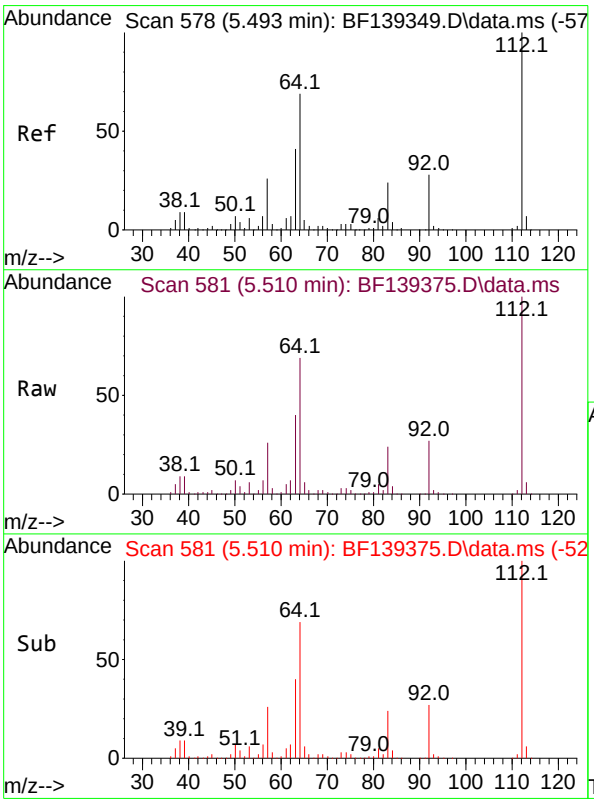
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 56035

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.1	186.1
115	63.9	48.1	72.1

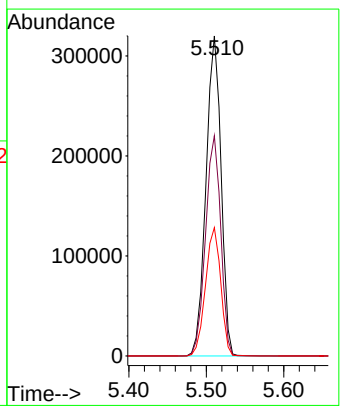


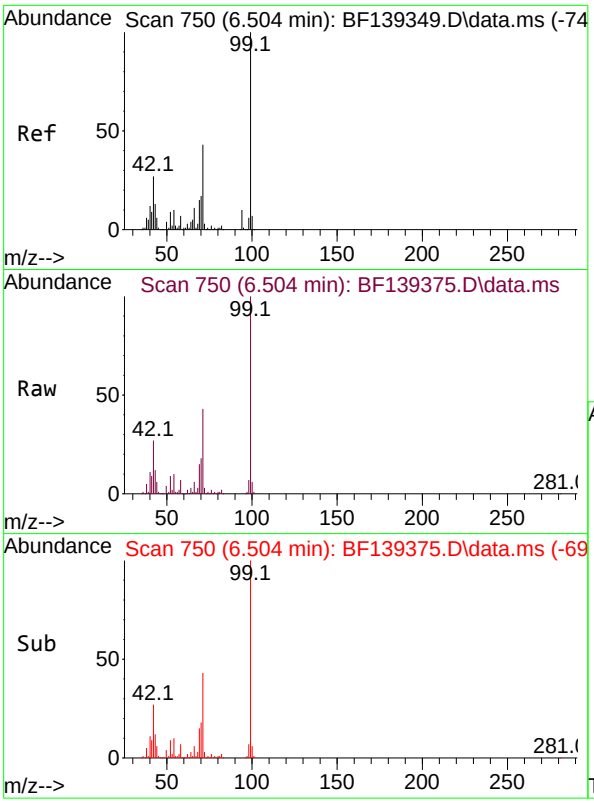


#5
2-Fluorophenol
Concen: 125.948 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:112 Resp: 432619

Ion	Ratio	Lower	Upper
112	100		
64	68.8	54.8	82.2
63	40.1	33.0	49.4



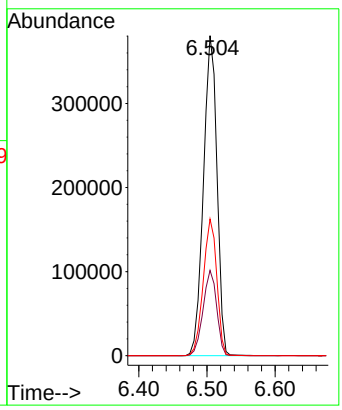


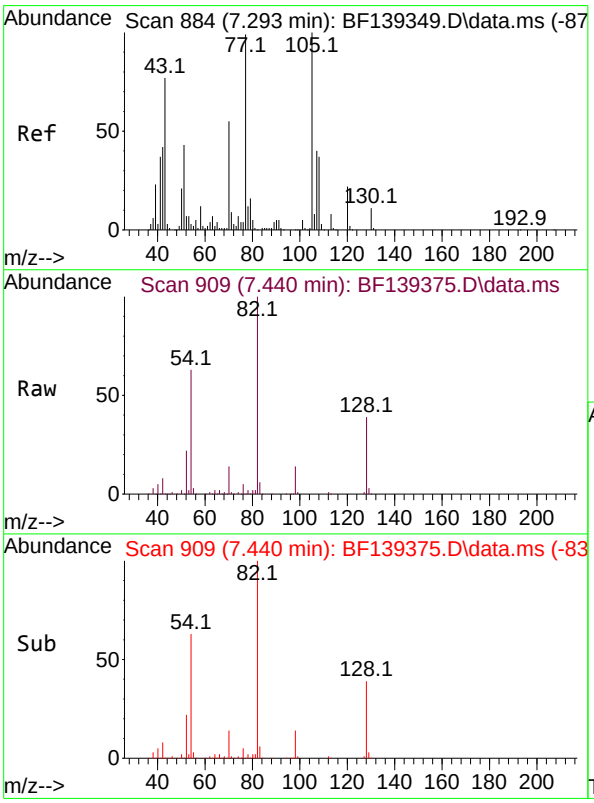
#7
Phenol-d6
Concen: 116.840 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 526777

Ion	Ratio	Lower	Upper
99	100		
42	26.6	21.9	32.9
71	42.7	34.6	52.0

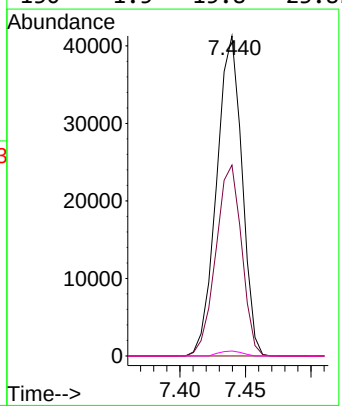


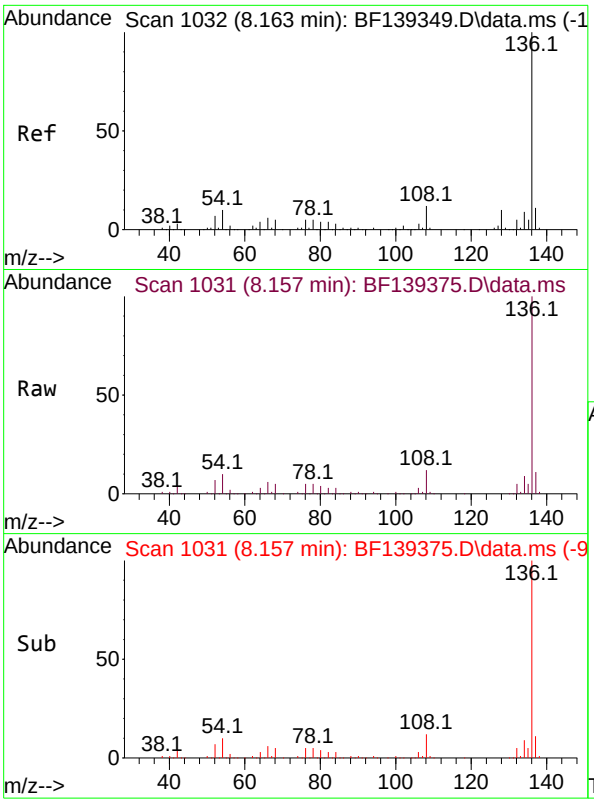


#19
n-Nitroso-di-n-propylamine
Concen: 20.770 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion: 70 Resp: 55490

Ion	Ratio	Lower	Upper
70	100		
42	59.7	61.2	91.8#
101	0.0	7.5	11.3#
130	1.5	15.8	23.8#



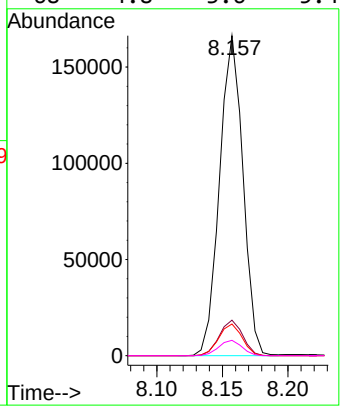


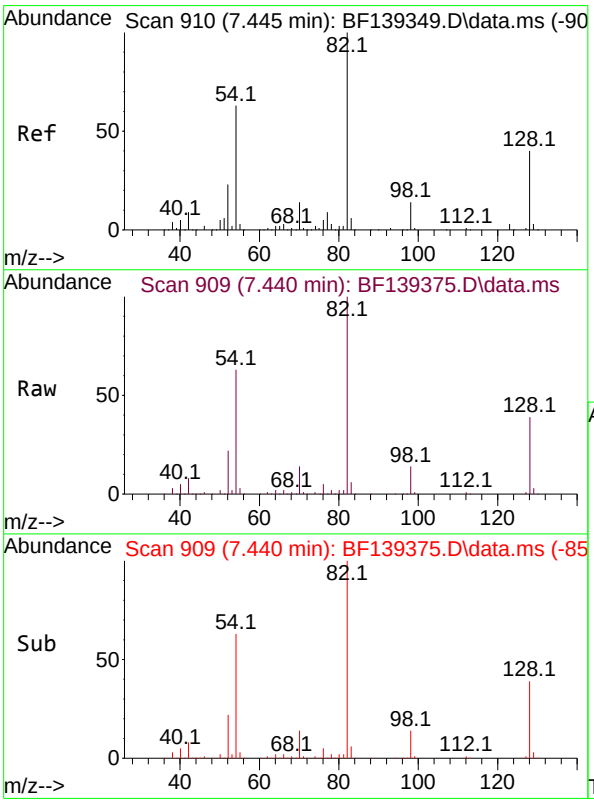
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 206074

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.9	7.8	11.8
68	4.8	3.6	5.4

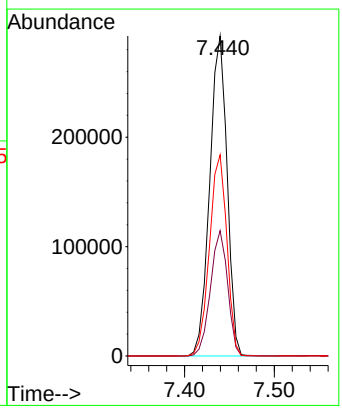


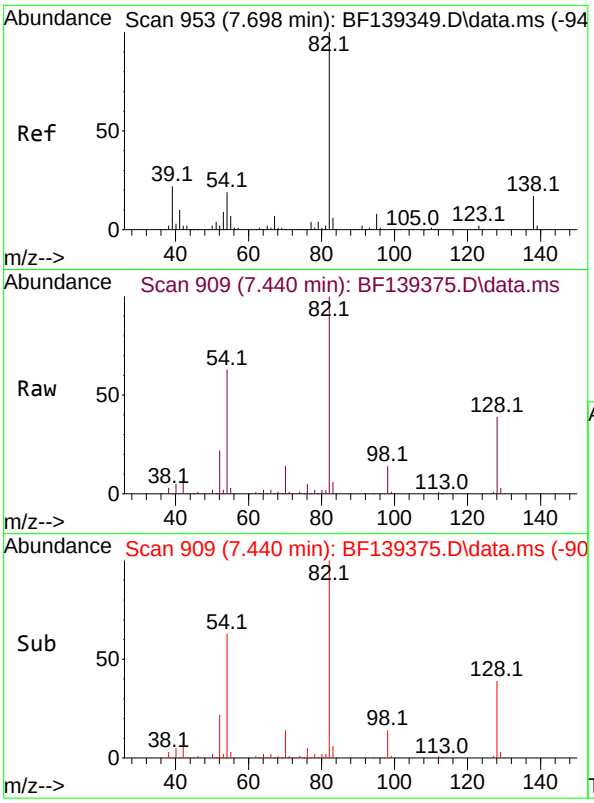


#23
Nitrobenzene-d5
Concen: 89.713 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion: 82 Resp: 393255

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	62.8	50.6	75.8



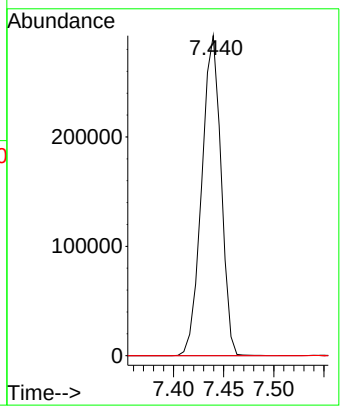


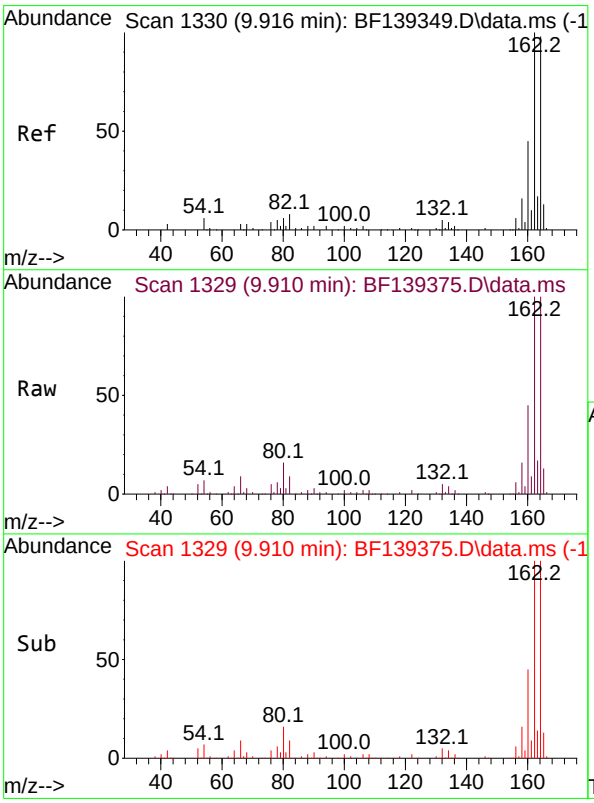
#25
Isophorone
Concen: 56.575 ng
RT: 7.440 min Scan# 9(
Delta R.T. -0.259 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 392207

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	0.0	13.3	19.9#

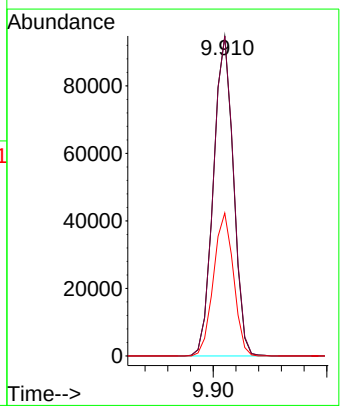


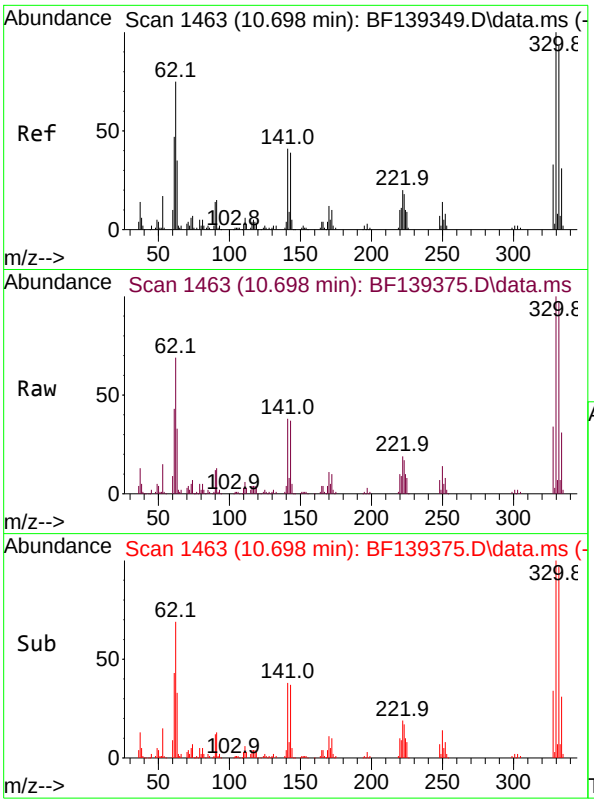


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:164 Resp: 115533

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.3	121.9
160	44.7	36.4	54.6



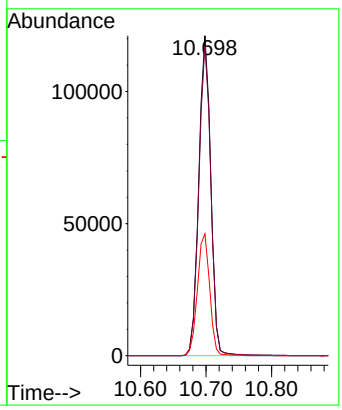


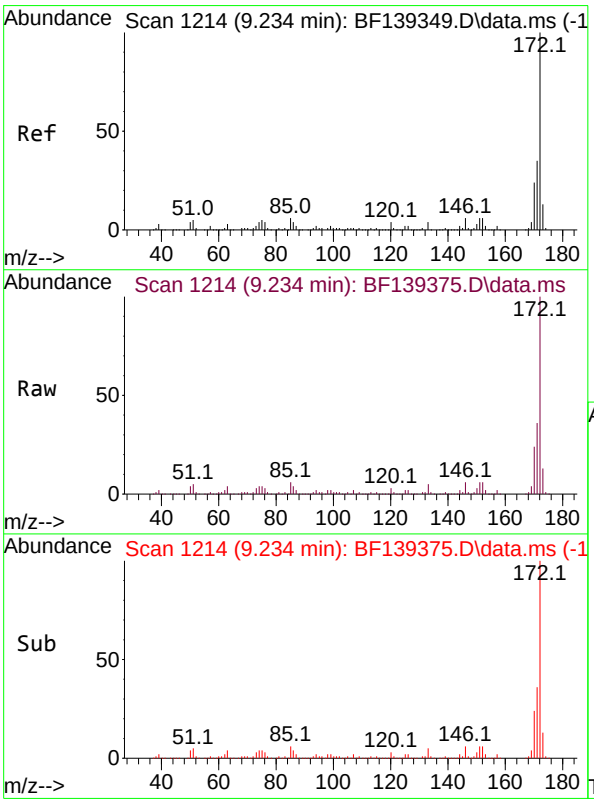
#42
2,4,6-Tribromophenol
Concen: 125.696 ng
RT: 10.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:330 Resp: 154604

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.2	112.8
141	38.9	31.2	46.8

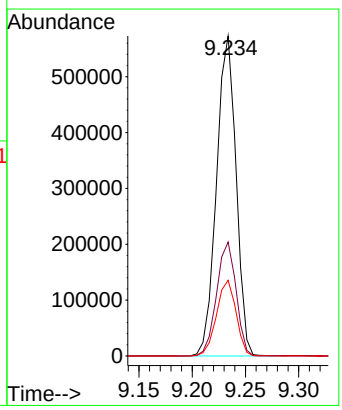


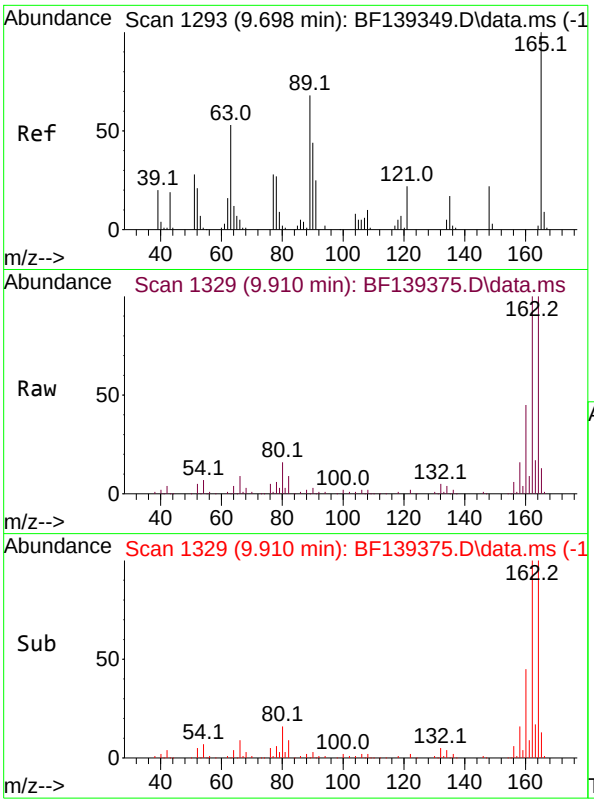


#45
2-Fluorobiphenyl
Concen: 88.580 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:172 Resp: 729679

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.7	19.0	28.6



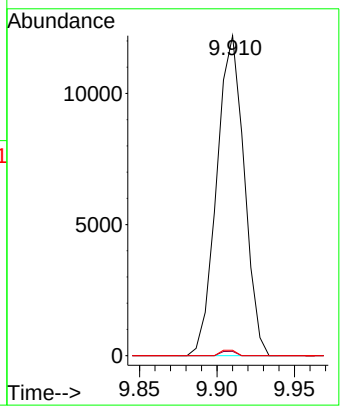


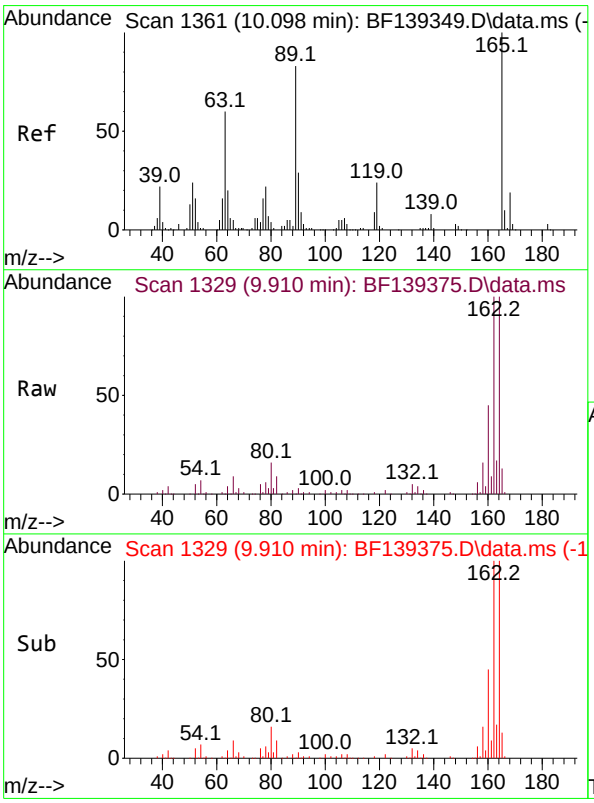
#51
2,6-Dinitrotoluene
Concen: 8.963 ng
RT: 9.910 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:165 Resp: 15057

Ion	Ratio	Lower	Upper
165	100		
63	1.4	60.9	91.3#
89	1.7	54.7	82.1#

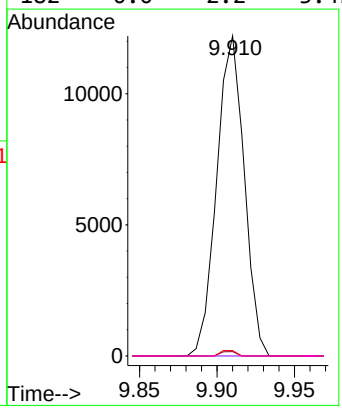


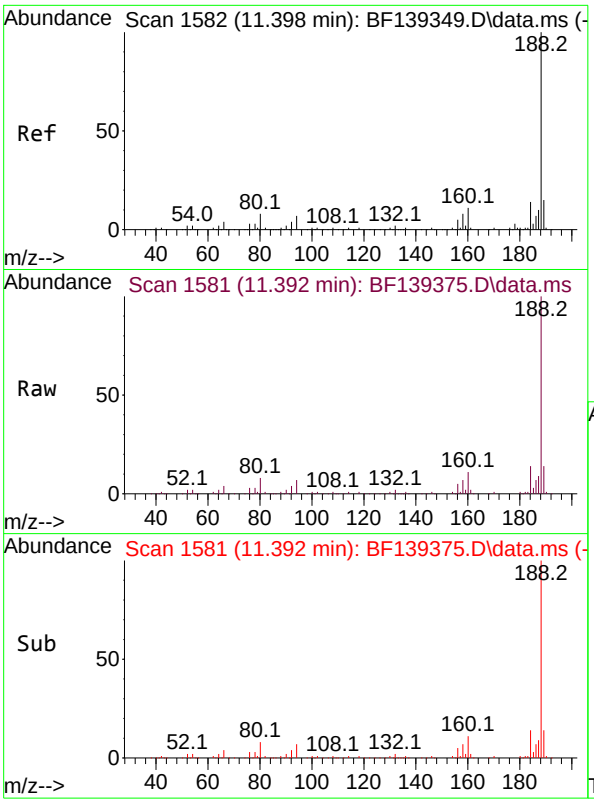


#57
2,4-Dinitrotoluene
Concen: 6.639 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:165 Resp: 15057

Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.8	71.6#
89	1.7	66.7	100.1#
182	0.0	2.2	3.4#



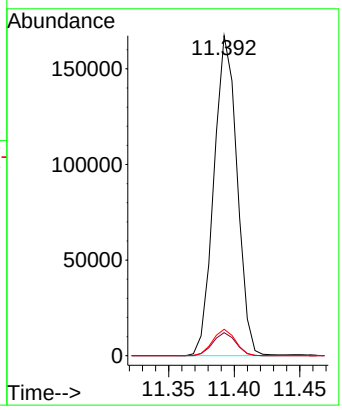


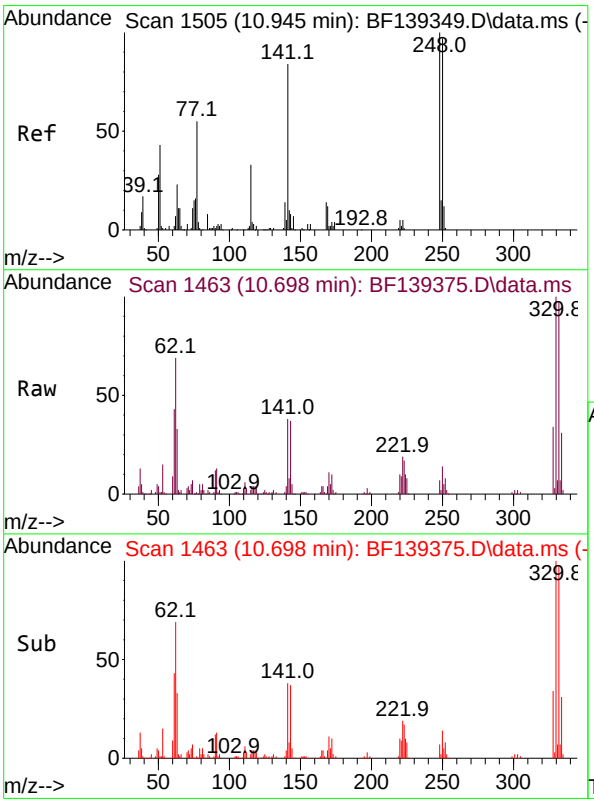
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 205688

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.5	8.3
80	8.2	6.6	9.8

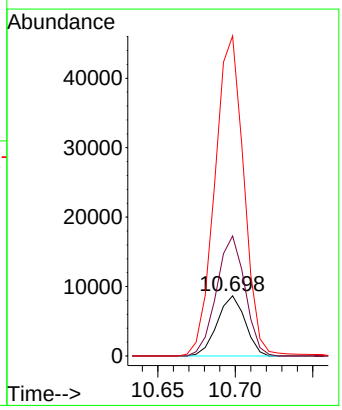


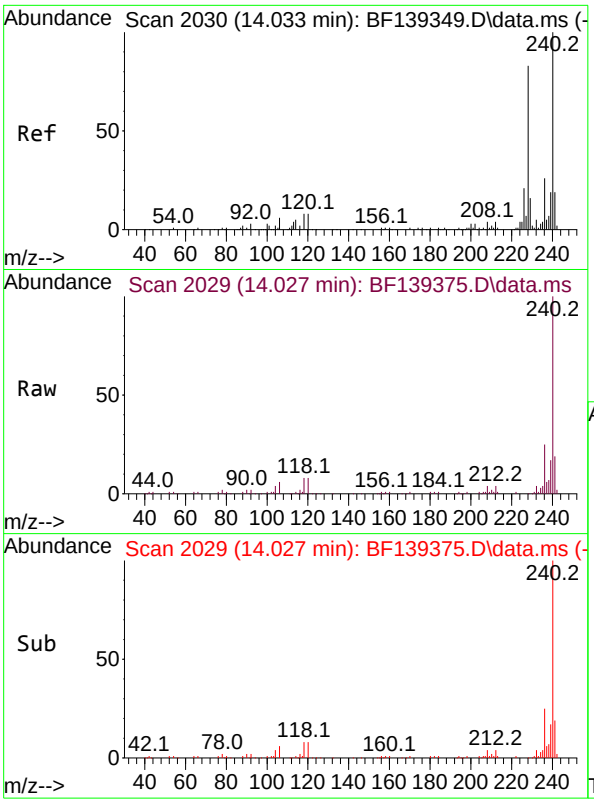


#67
4-Bromophenyl-phenylether
Concen: 5.318 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:248 Resp: 10839

Ion	Ratio	Lower	Upper
248	100		
250	199.7	77.6	116.4#
141	532.4	66.9	100.3#



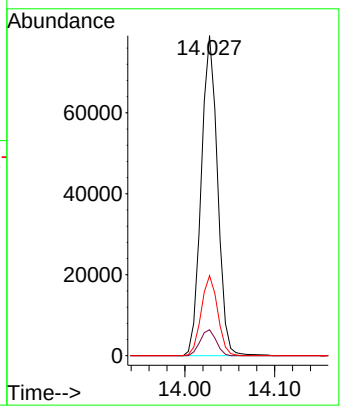


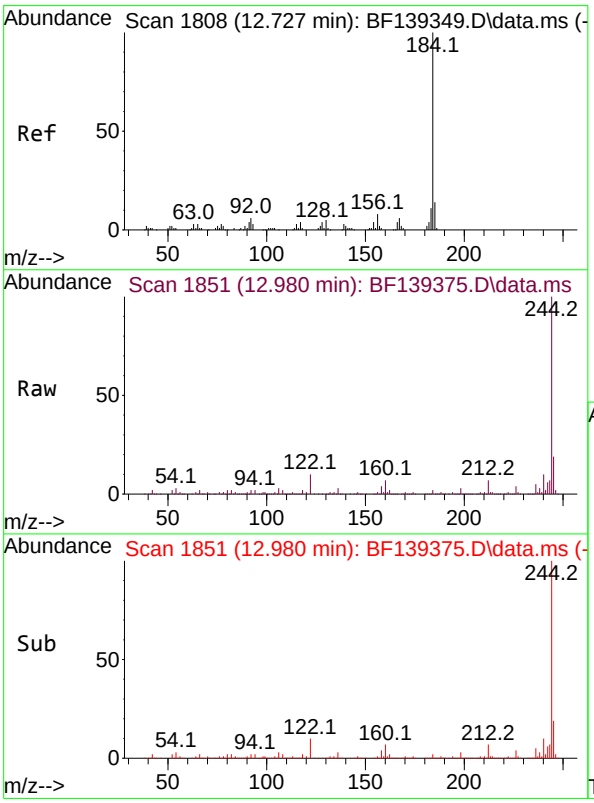
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:240 Resp: 99793

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.2
236	25.0	20.9	31.3

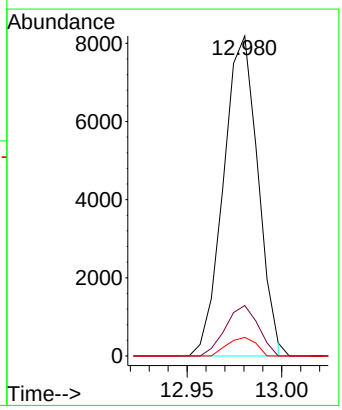


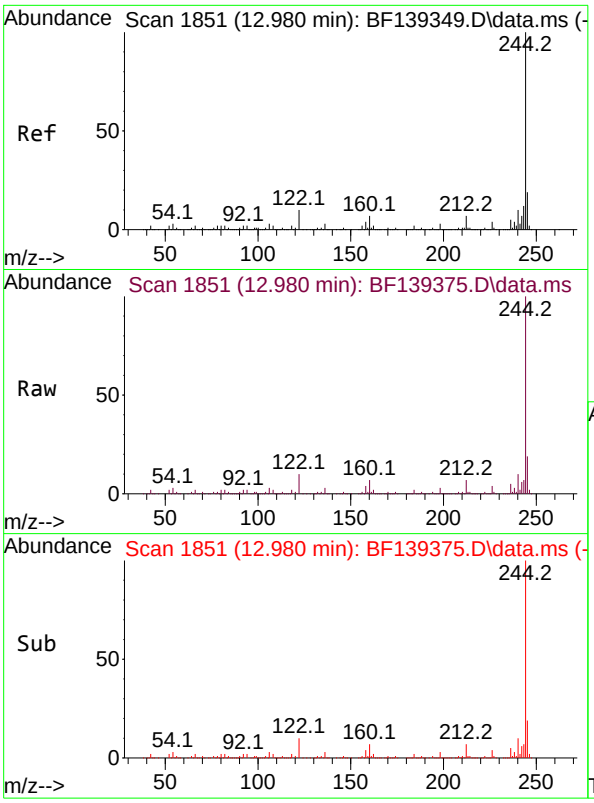


#77
Benzidine
Concen: 7.252 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:184 Resp: 10368

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.5	17.3
183	5.8	8.9	13.3#



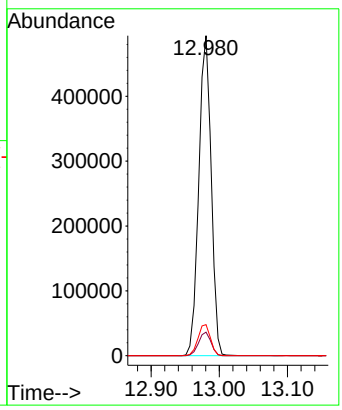


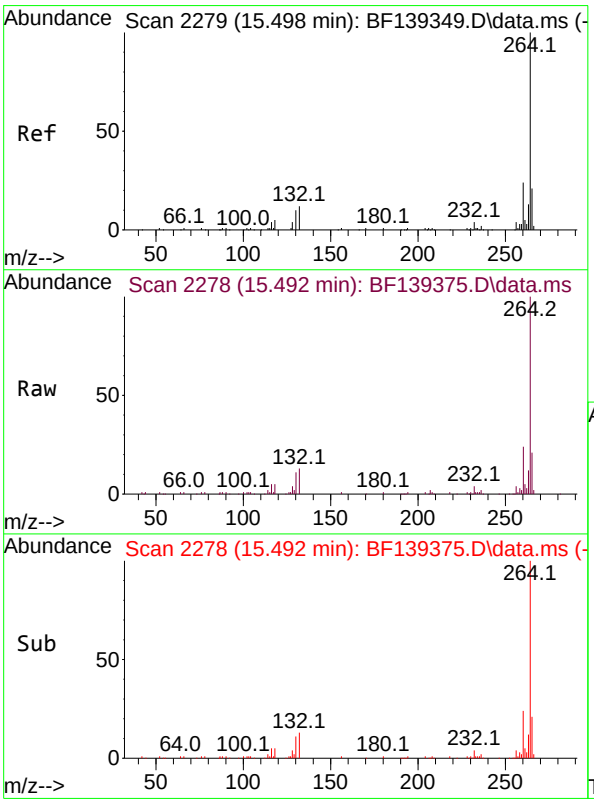
#79
Terphenyl-d14
Concen: 102.509 ng
RT: 12.980 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3

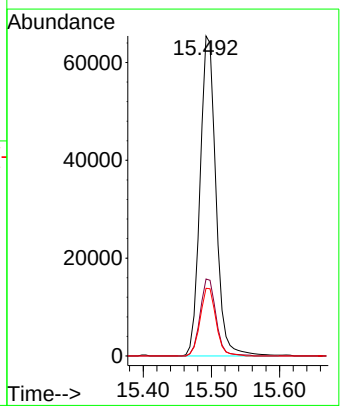
Tgt Ion:244 Resp: 623233

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	9.7	7.6	11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:264 Resp: 106058

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.1	16.6	25.0