Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140765.D
Acq On : 06 Dec 2024 14:40
Operator : RC/JU
Sample : P5093-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LL-001

Quant Time: Dec 06 14:04:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	64961	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	244629	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	135499	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	232952	20.000	ng	0.00
76) Chrysene-d12	14.051	240	138014	20.000	ng	0.00
86) Perylene-d12	15.563	264	150336	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	341955	89.815	ng	0.00
7) Phenol-d6	6.510	99	306307	60.855	ng	0.00
23) Nitrobenzene-d5	7.434	82	454480	95.029	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	188323	129.952	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	886997	97.534	ng	-0.01
79) Terphenyl-d14	12.980	244	670690	75.670	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	60776	20.431	ng	# 75
25) Isophorone	7.434	82	450797	56.513	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	17769	8.780	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	17769	6.606	ng	# 17
63) Azobenzene	10.616	77	17681	2.059	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	12188	5.080	ng	# 1
77) Benzidine	12.980	184	9290	2.315	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
Data File : BF140765.D
Acq On : 06 Dec 2024 14:40
Operator : RC/JU
Sample : P5093-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
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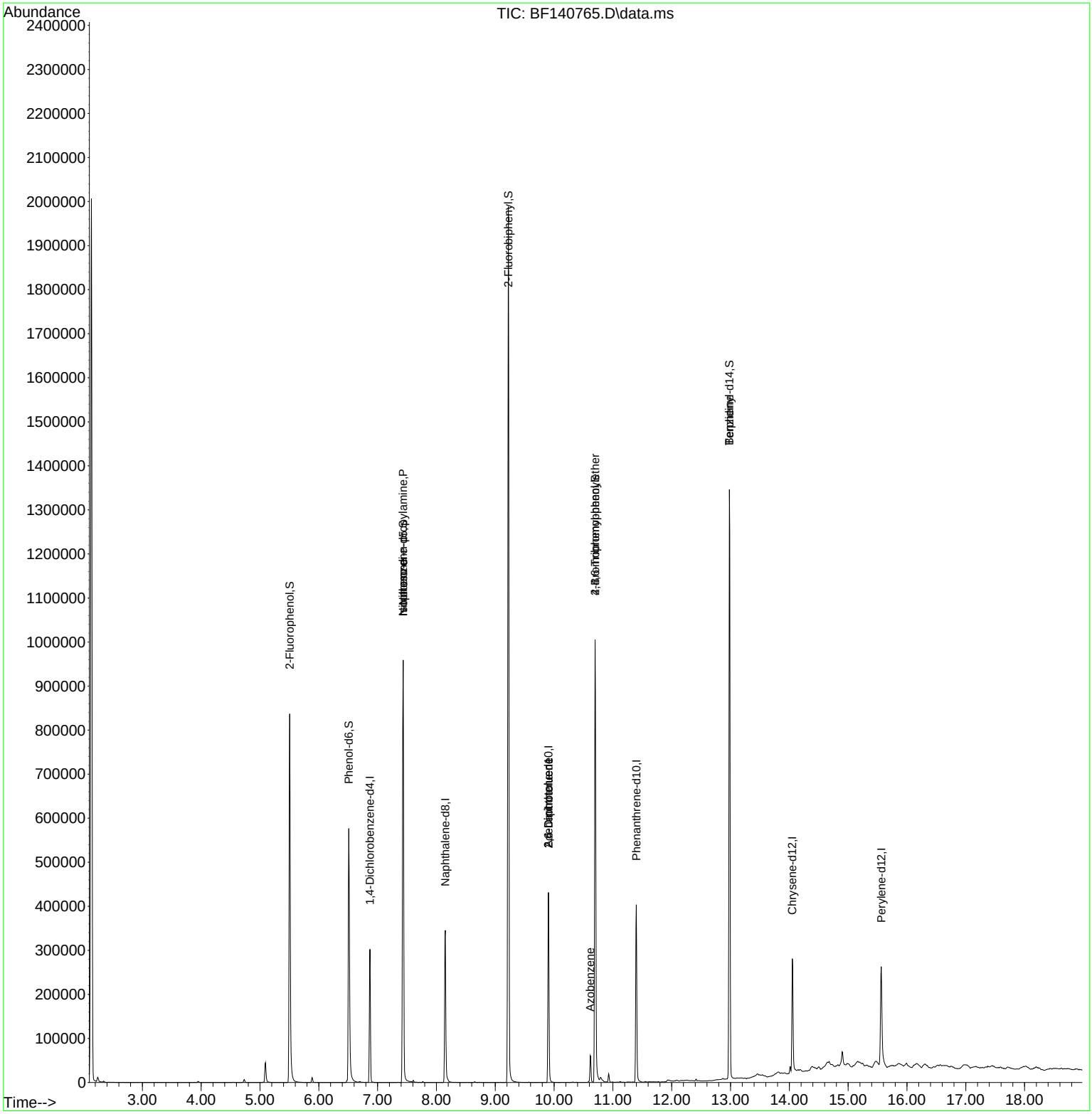
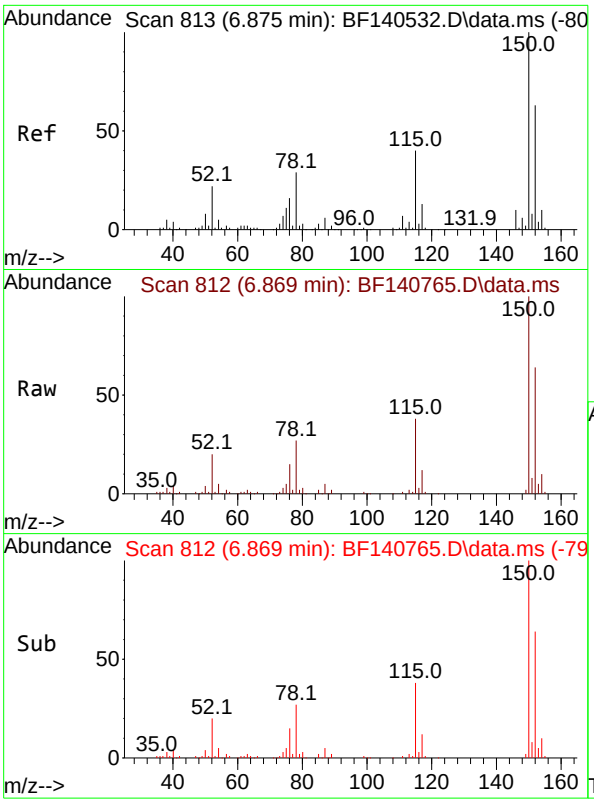
LL-001

Quant Time: Dec 06 14:04:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



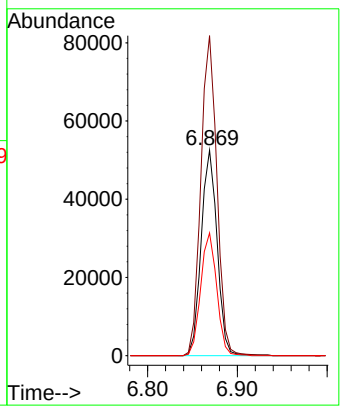


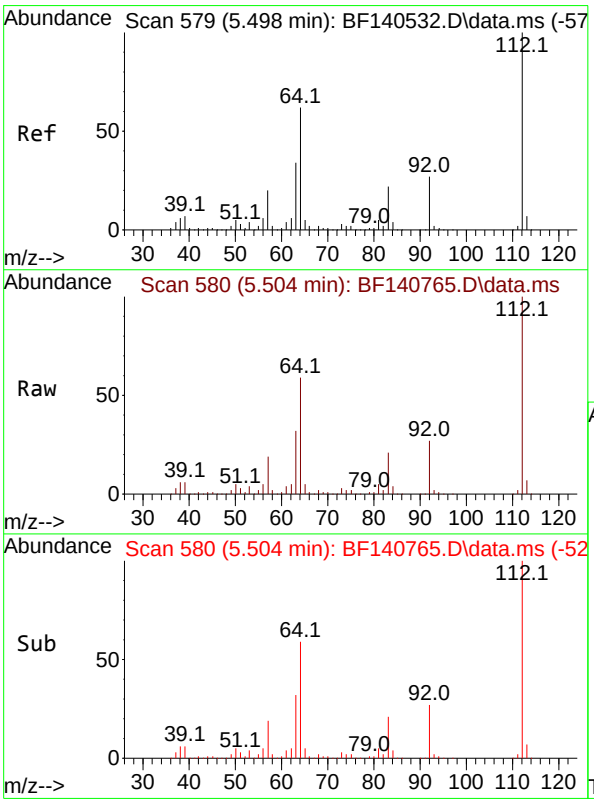
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion:152 Resp: 64961

Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.5	192.7
115	59.8	50.2	75.4

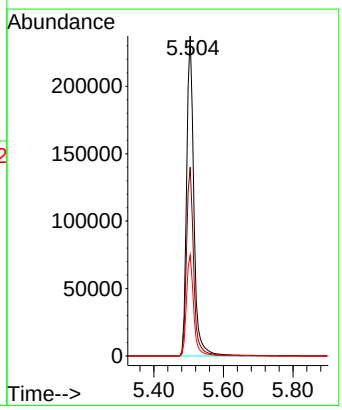


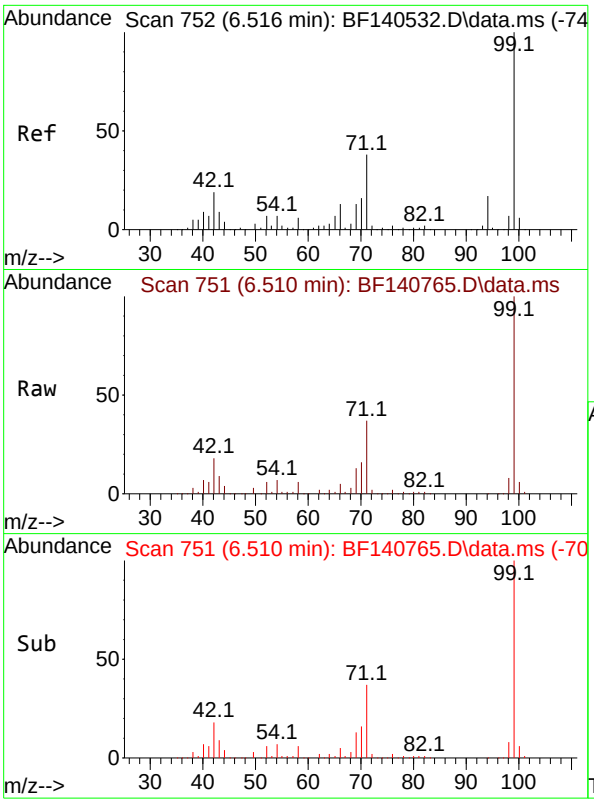


#5
2-Fluorophenol
Concen: 89.815 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion:112 Resp: 341955

Ion	Ratio	Lower	Upper
112	100		
64	58.9	49.2	73.8
63	31.5	27.0	40.4



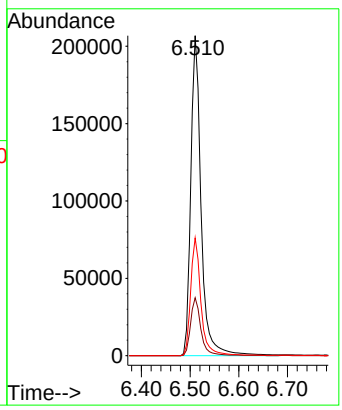


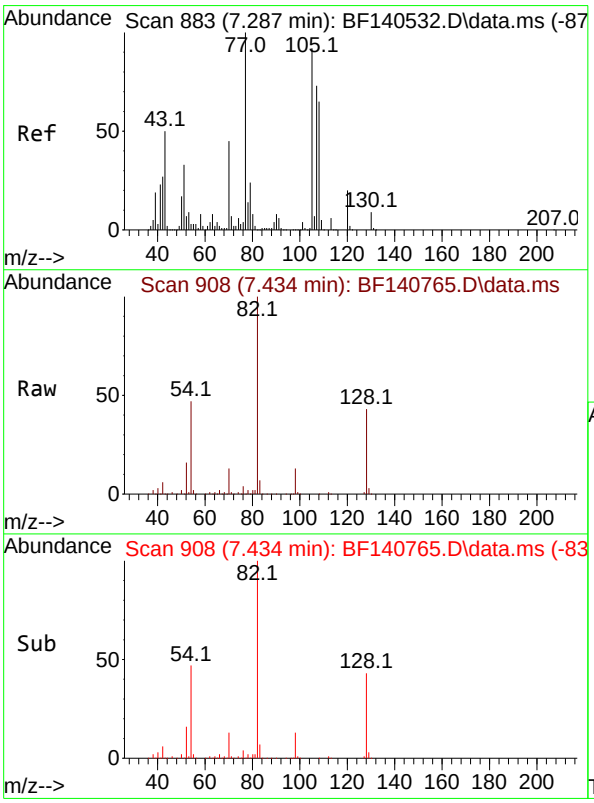
#7
Phenol-d6
Concen: 60.855 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion: 99 Resp: 306307

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.4	23.0
71	36.8	30.6	46.0

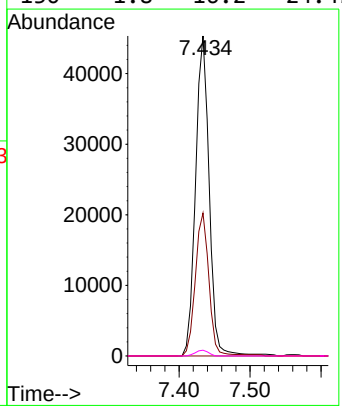


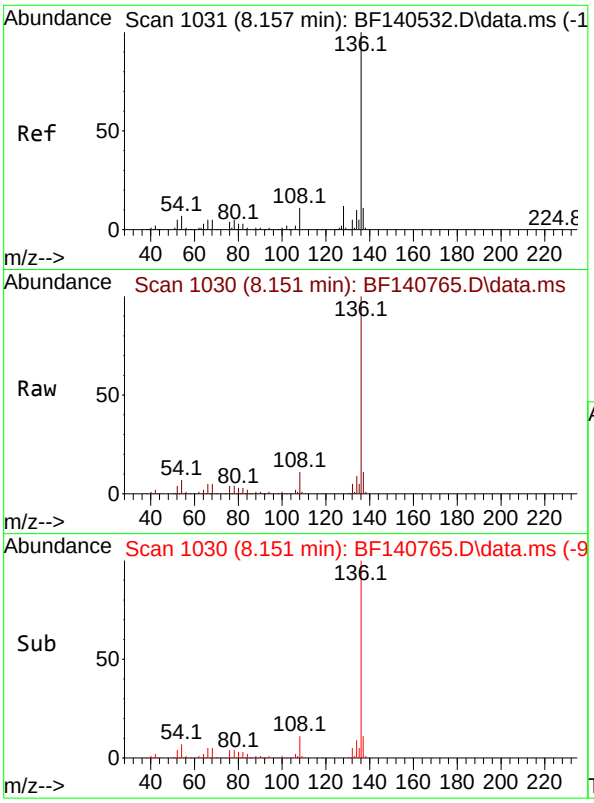


#19
n-Nitroso-di-n-propylamine
Concen: 20.431 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion: 70 Resp: 60776

Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.6	71.4#
101	0.0	7.6	11.4#
130	1.8	16.2	24.4#



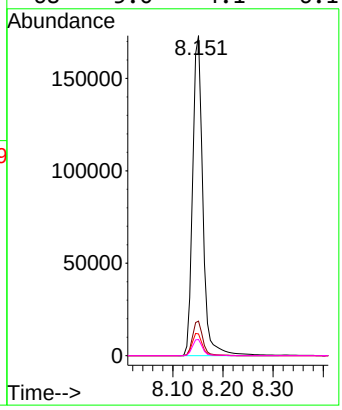


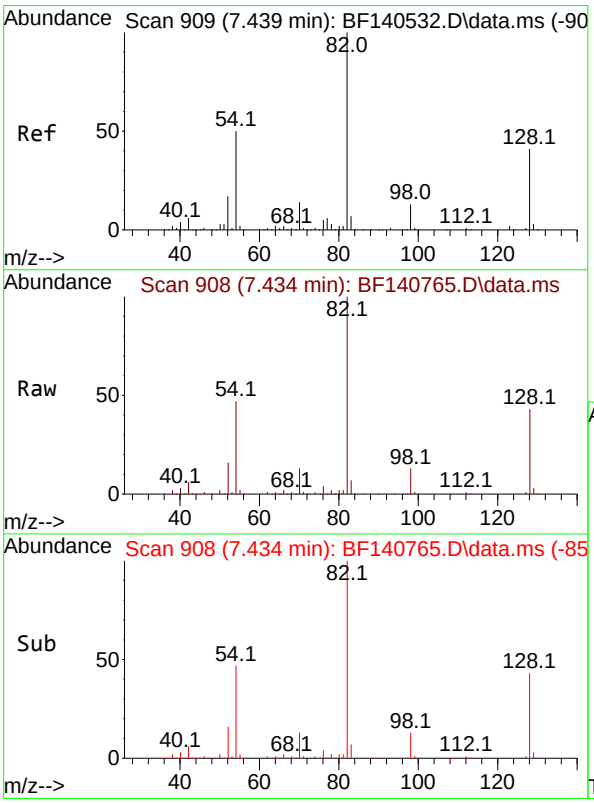
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion:136 Resp: 244629

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.8	5.8	8.8
68	5.0	4.1	6.1

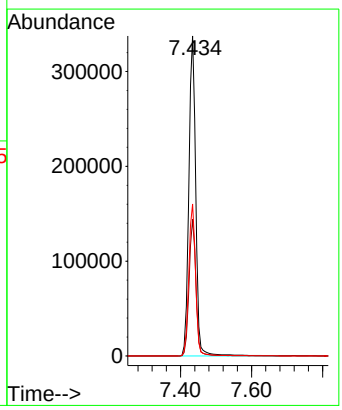


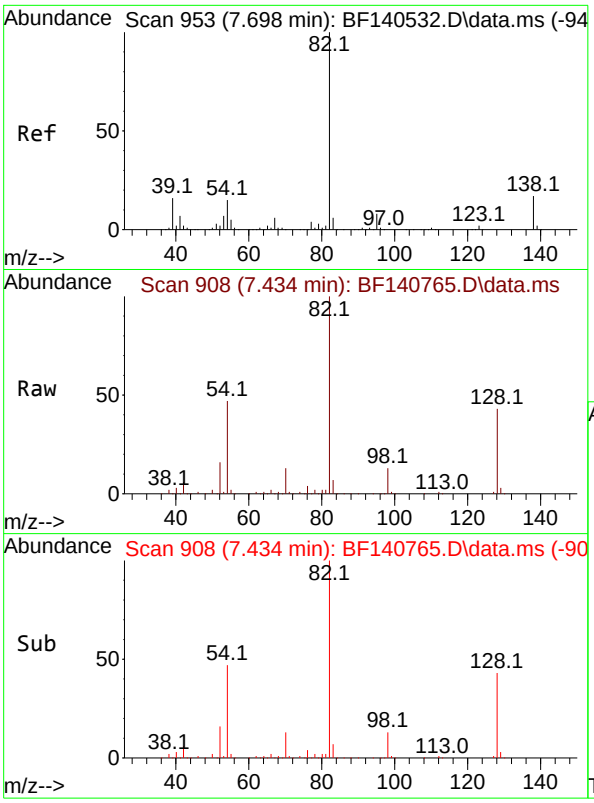


#23
Nitrobenzene-d5
Concen: 95.029 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion: 82 Resp: 454480

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.0	49.4
54	47.5	39.5	59.3



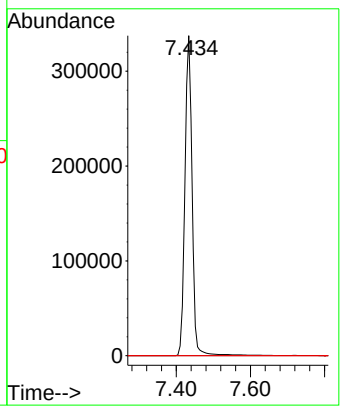


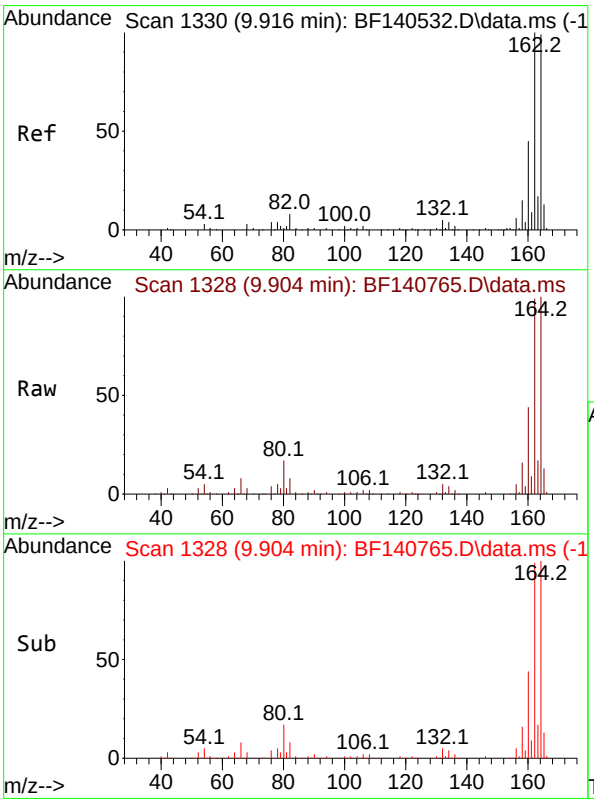
#25
Isophorone
Concen: 56.513 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion: 82 Resp: 450797

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	13.8	20.6#

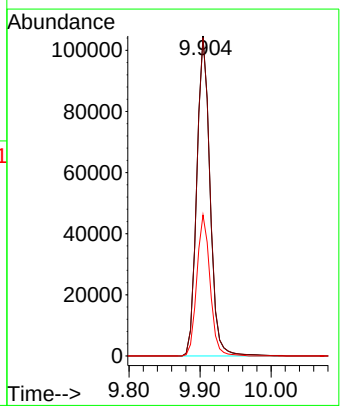


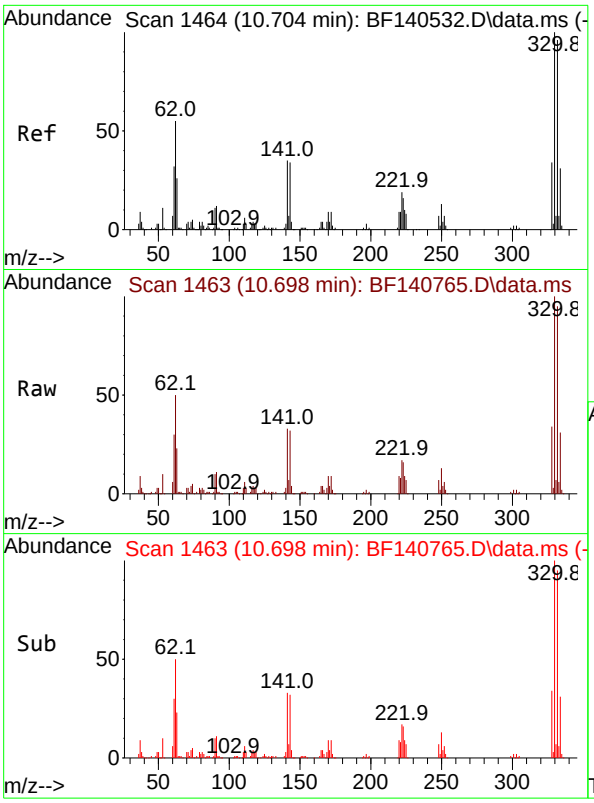


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion:164 Resp: 135499

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	120.8
160	44.0	36.2	54.4



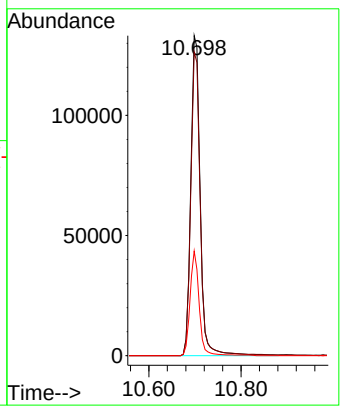


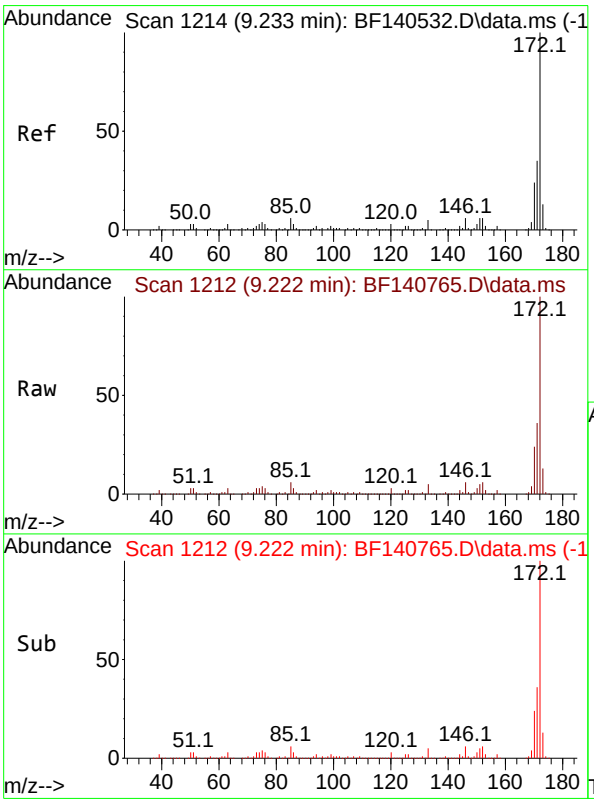
#42
2,4,6-Tribromophenol
Concen: 129.952 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion:330 Resp: 188323

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	31.4	26.7	40.1

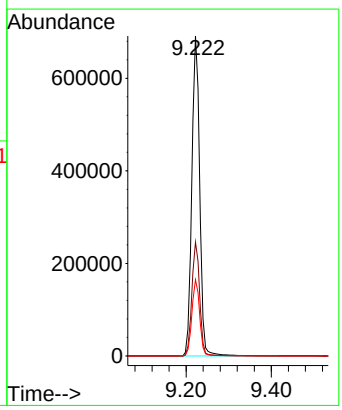


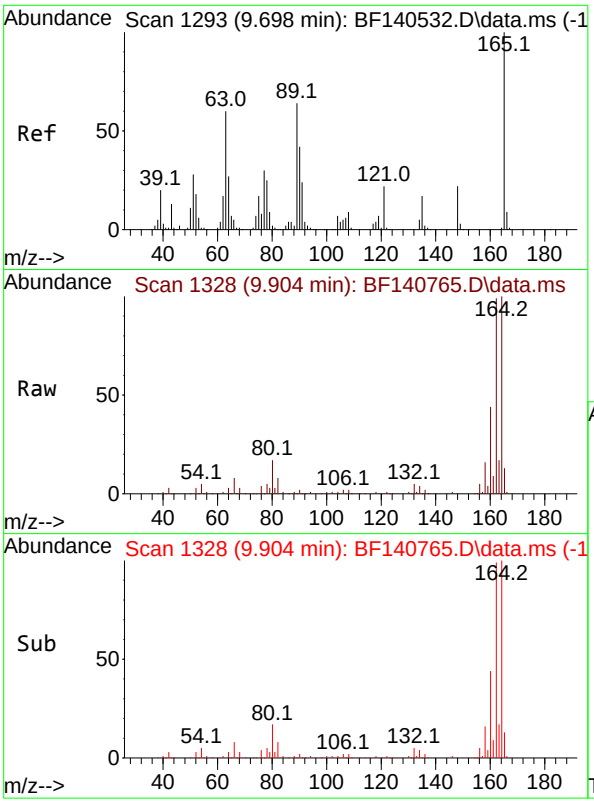


#45
2-Fluorobiphenyl
Concen: 97.534 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion:172 Resp: 886997

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.8	19.0	28.6



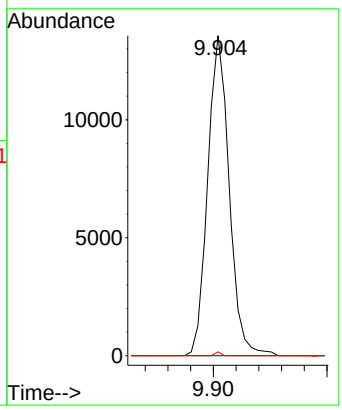


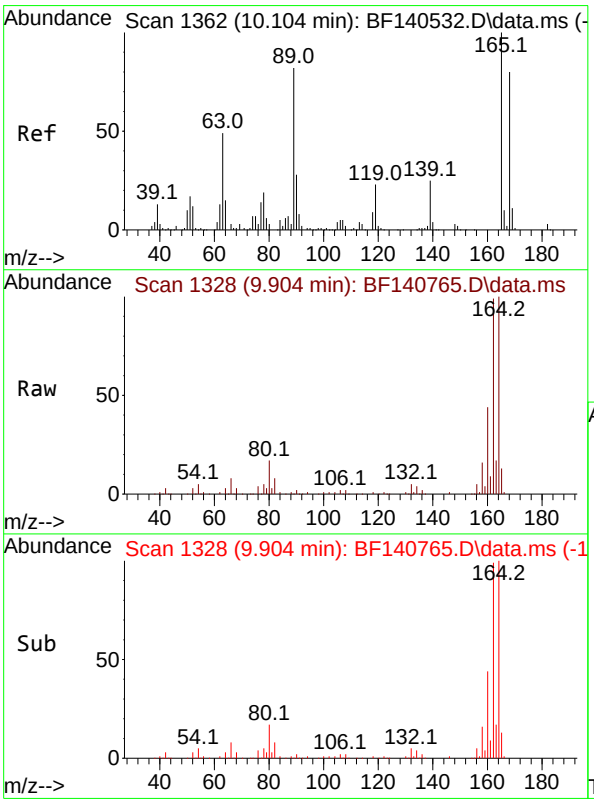
#51
2,6-Dinitrotoluene
Concen: 8.780 ng
RT: 9.904 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion:165 Resp: 17769

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.9	74.9#
89	1.2	50.9	76.3#

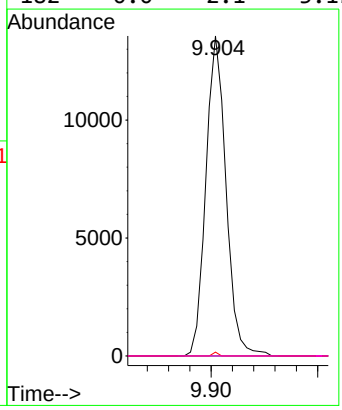


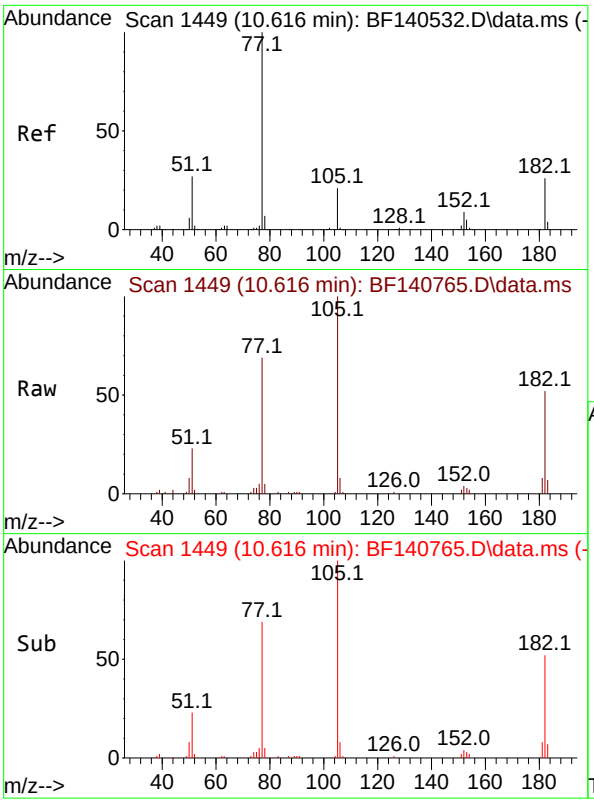


#57
2,4-Dinitrotoluene
Concen: 6.606 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion:165 Resp: 17769

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.7	62.5#
89	1.2	65.8	98.8#
182	0.0	2.1	3.1#



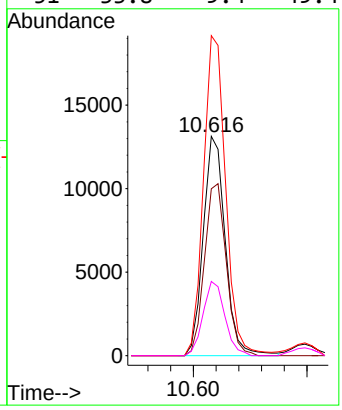


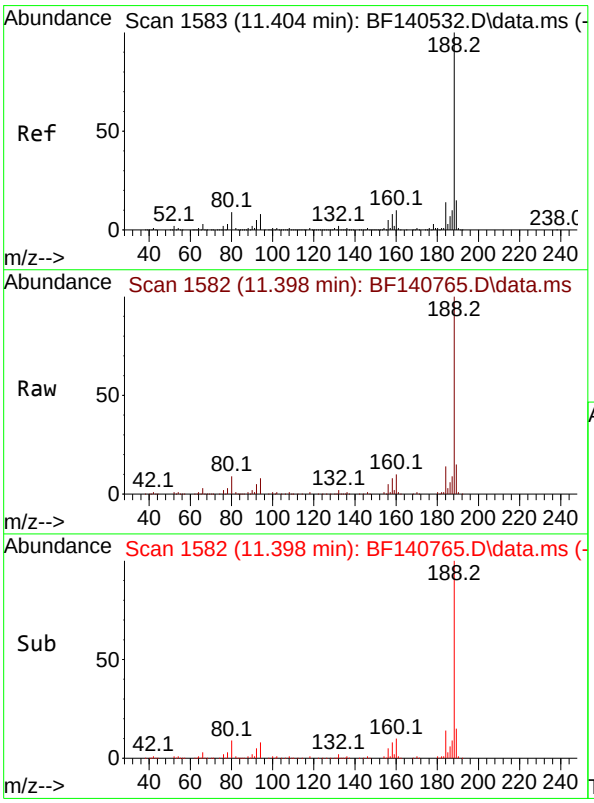
#63
Azobenzene
Concen: 2.059 ng
RT: 10.616 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion: 77 Resp: 17681

Ion	Ratio	Lower	Upper
77	100		
182	76.1	5.3	45.3#
105	145.9	0.3	40.3#
51	33.8	9.4	49.4

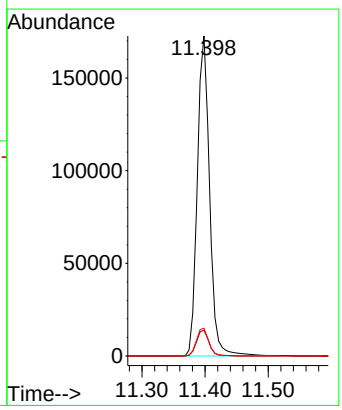


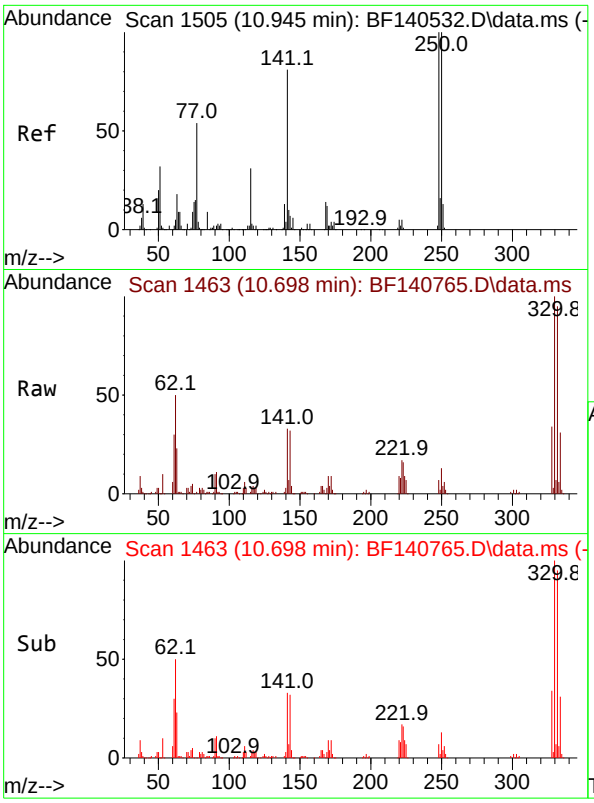


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion:188 Resp: 232952

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	8.6	6.9	10.3



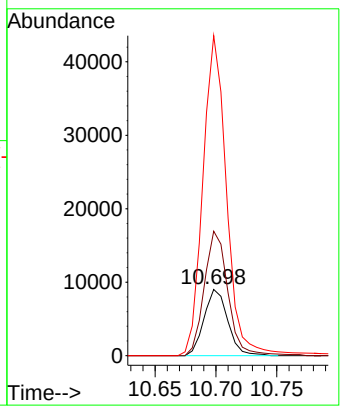


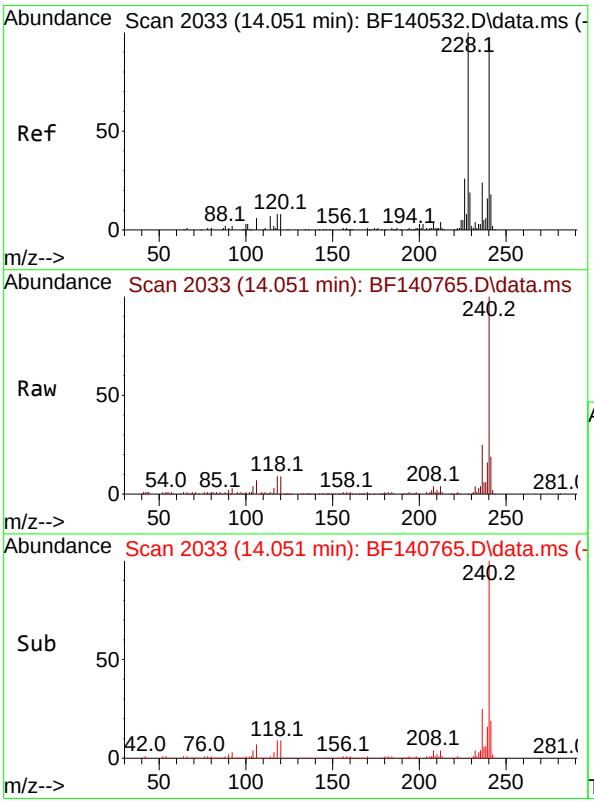
#67
4-Bromophenyl-phenylether
Concen: 5.080 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion:248 Resp: 12188

Ion	Ratio	Lower	Upper
248	100		
250	187.8	79.8	119.8#
141	482.9	64.7	97.1#

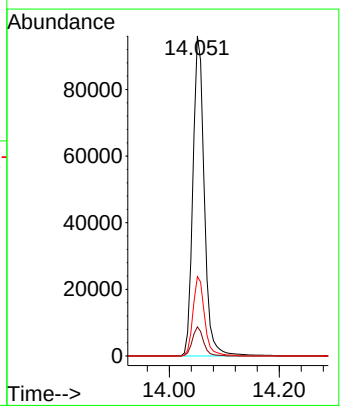


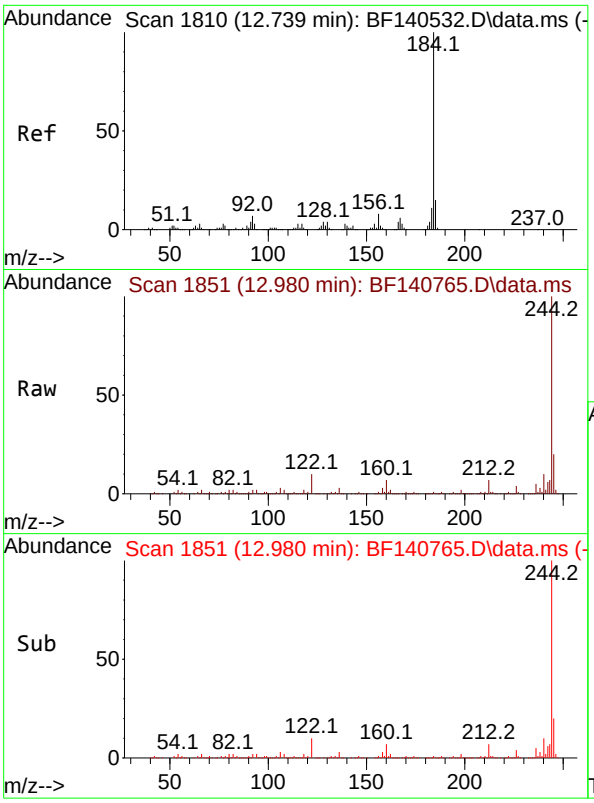


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion:240 Resp: 138014

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.3	10.9
236	24.8	20.6	31.0



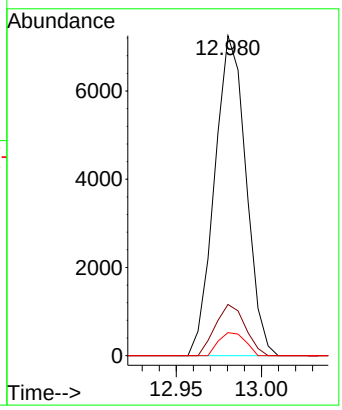


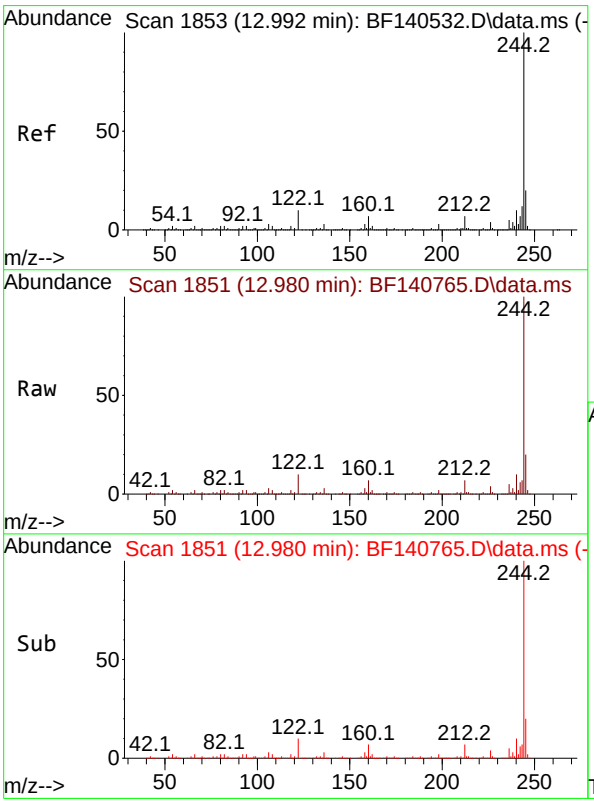
#77
Benzidine
Concen: 2.315 ng
RT: 12.980 min Scan# 1
Delta R.T. 0.241 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion:184 Resp: 9290

Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.7	17.5
183	7.2	8.8	13.2#

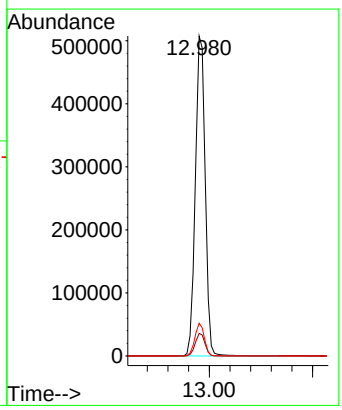


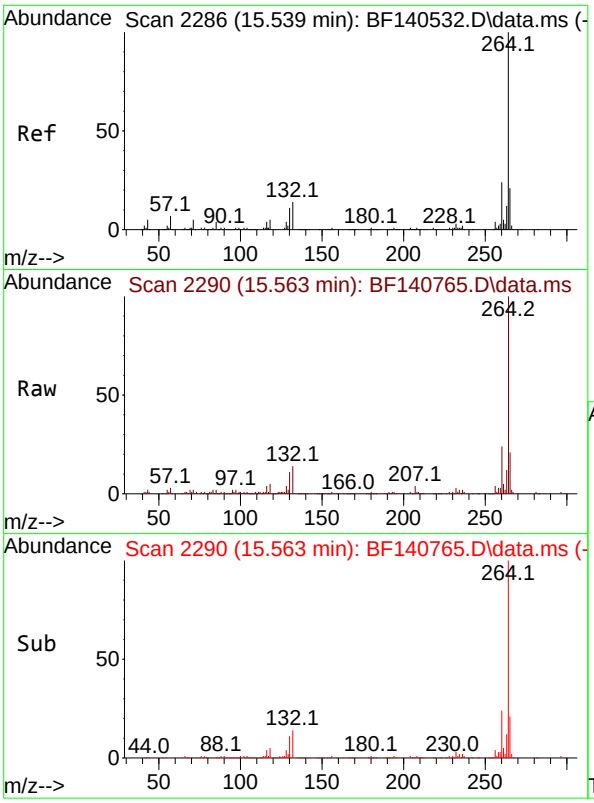


#79
Terphenyl-d14
Concen: 75.670 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Tgt Ion:244 Resp: 670690

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.3	8.0	12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF140765.D
Acq: 06 Dec 2024 14:40

Instrument :
BNA_F
ClientSampleId :
LL-001

Tgt Ion:264 Resp: 150336

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.0	16.6	25.0