Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141453.D
Acq On : 05 Feb 2025 18:01
Operator : RC/JU
Sample : Q1207-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Quant Time: Feb 06 01:44:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	79438	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	313809	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	169630	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	288034	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	170634	20.000	ng	#-0.02
86) Perylene-d12	15.427	264	176168	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	655747	126.728	ng	0.01
7) Phenol-d6	6.428	99	754036	114.551	ng	-0.01
23) Nitrobenzene-d5	7.351	82	595614	100.057	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	240654	154.750	ng	-0.02
45) 2-Fluorobiphenyl	9.151	172	1064973	96.634	ng	-0.01
79) Terphenyl-d14	12.904	244	1165219	105.312	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	82736	21.153	ng	# 76
25) Isophorone	7.351	82	591676	57.500	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	22015	8.276	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	22015	6.392	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	17017	5.277	ng	# 1
77) Benzidine	12.657	184	19186	3.507	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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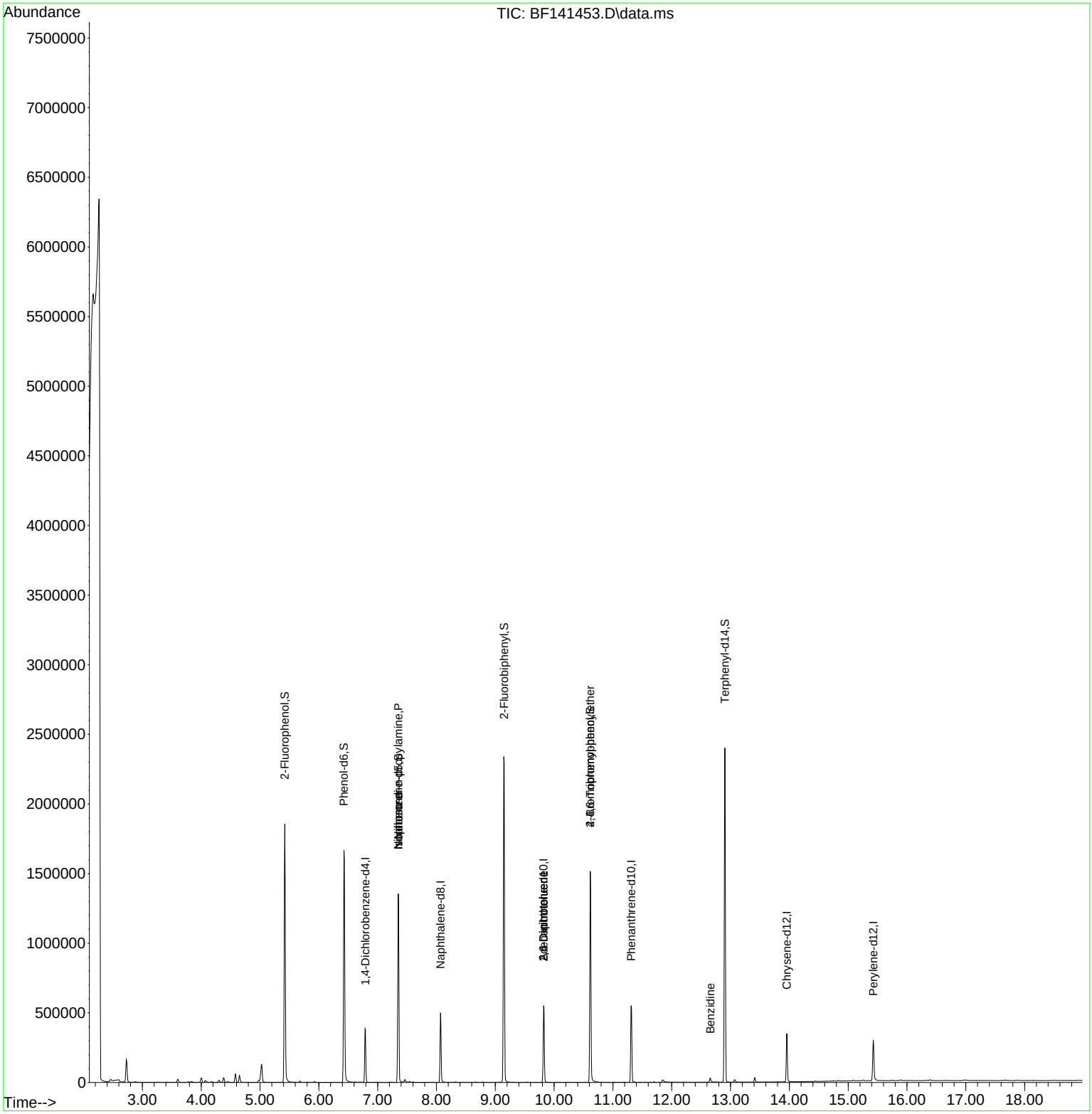
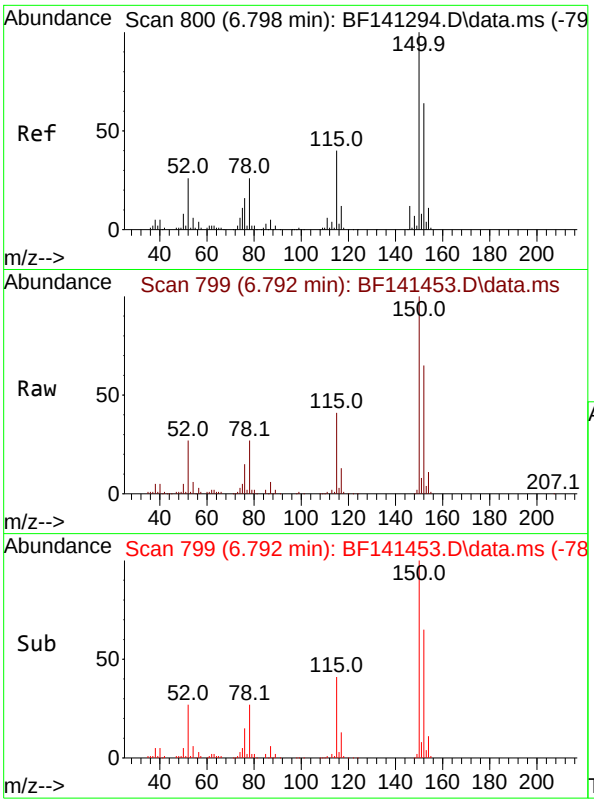


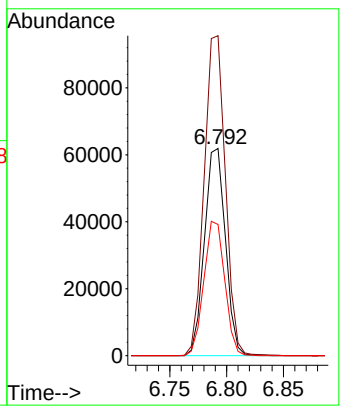


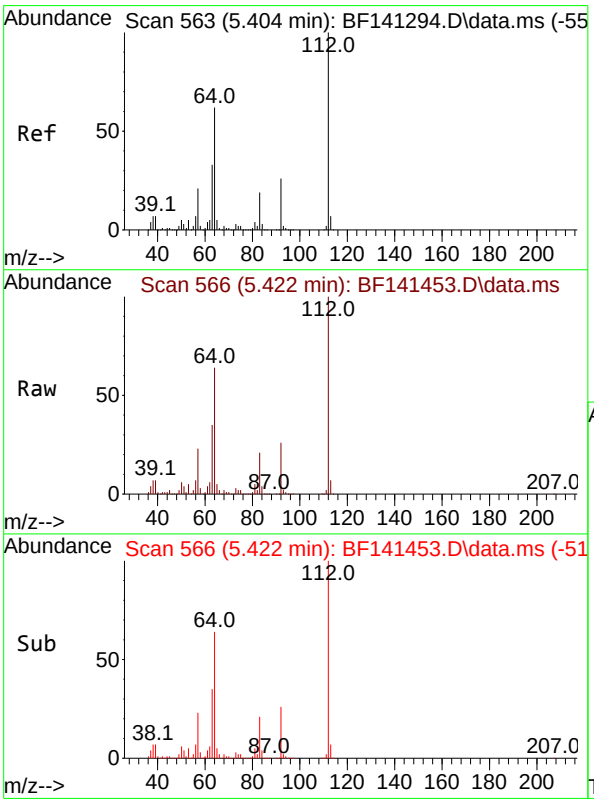
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion:152 Resp: 79438

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.9	188.9
115	63.3	49.7	74.5

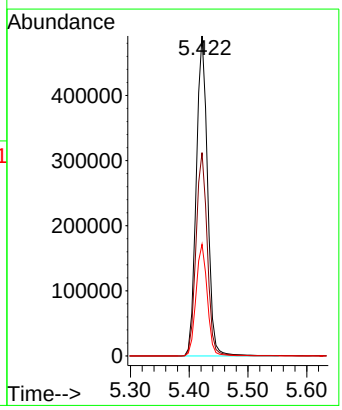


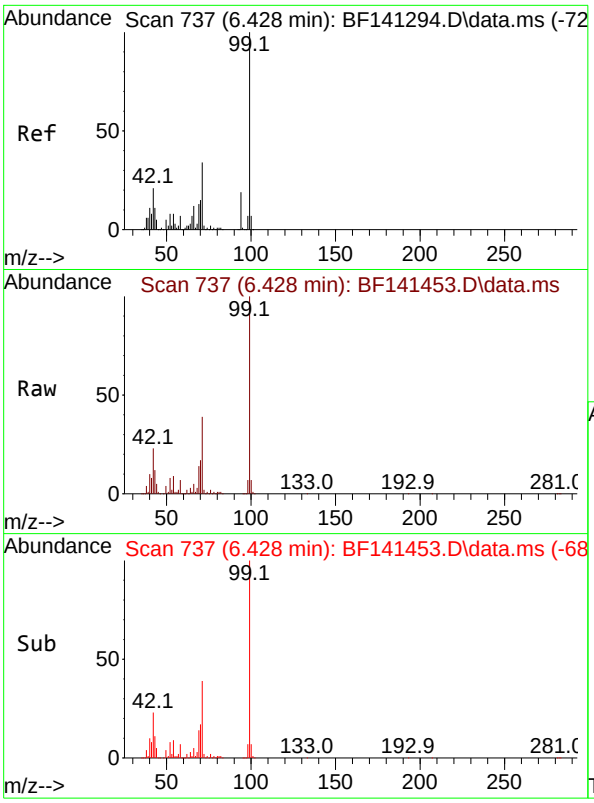


#5
2-Fluorophenol
Concen: 126.728 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:112 Resp: 655747

Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.8	74.8
63	34.9	26.1	39.1



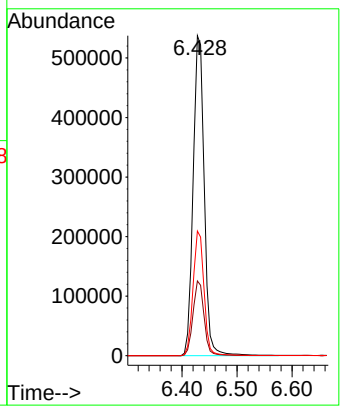


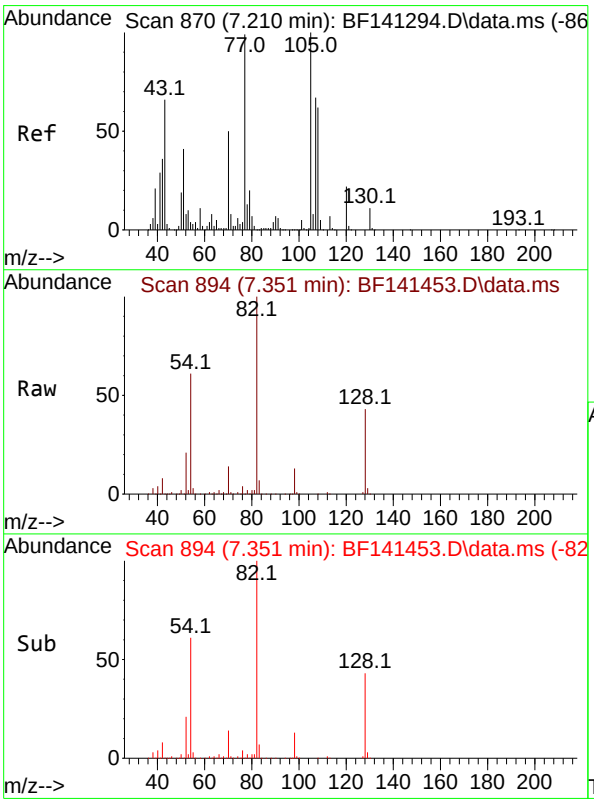
#7
Phenol-d6
Concen: 114.551 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion: 99 Resp: 754036

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.1	25.7
71	39.0	26.9	40.3

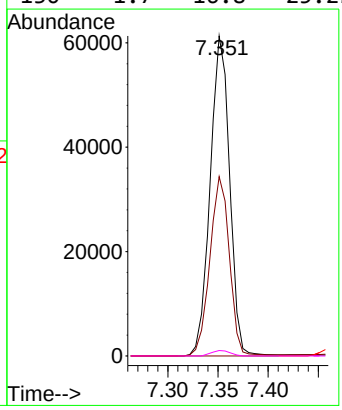


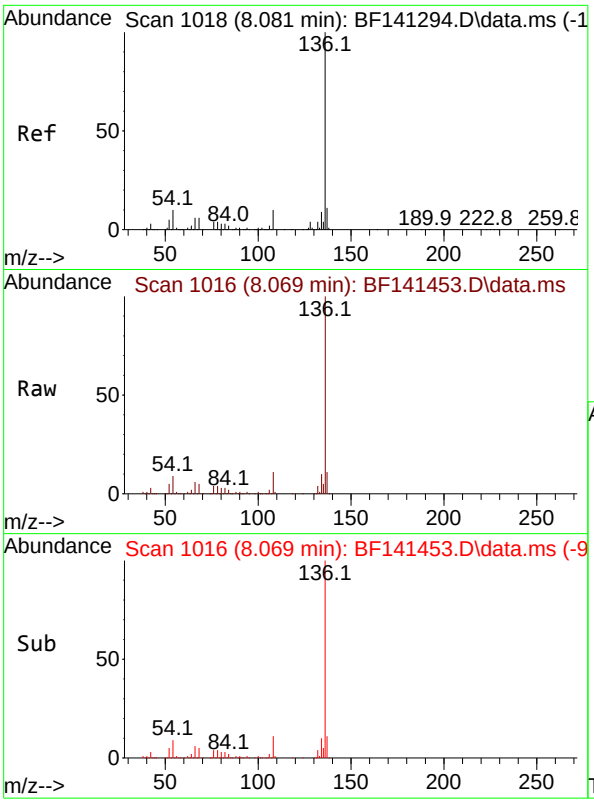


#19
n-Nitroso-di-n-propylamine
Concen: 21.153 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion: 70 Resp: 82736

Ion	Ratio	Lower	Upper
70	100		
42	56.0	56.8	85.2#
101	0.0	7.7	11.5#
130	1.7	16.8	25.2#



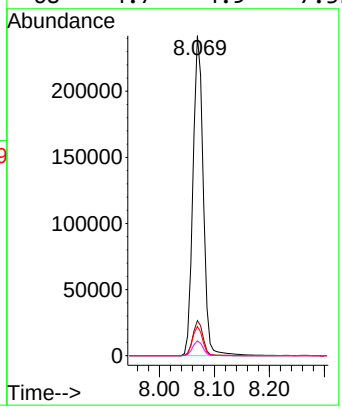


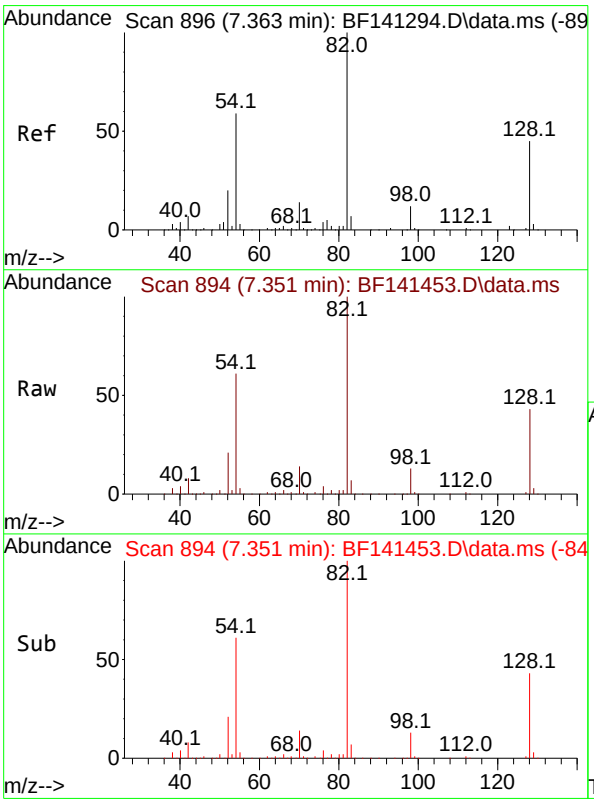
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion:136 Resp: 313809

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	7.8	11.8
68	4.7	4.9	7.3#

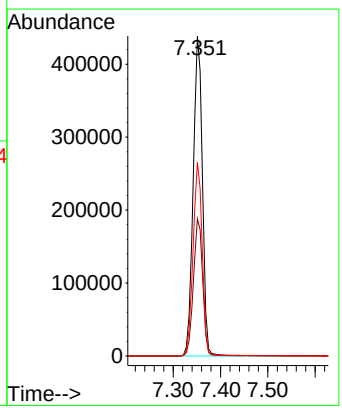


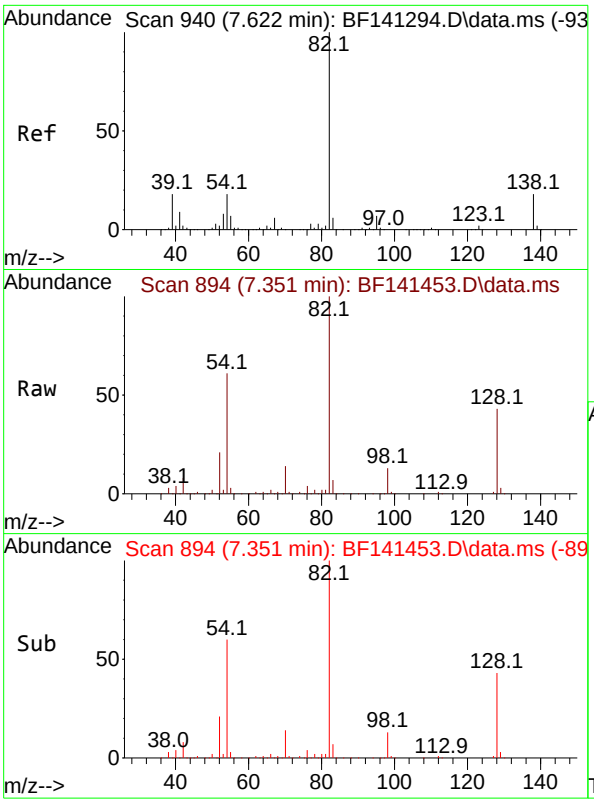


#23
Nitrobenzene-d5
Concen: 100.057 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion: 82 Resp: 595614

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.7	53.5
54	60.5	47.1	70.7



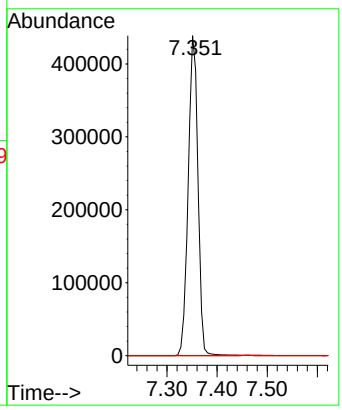


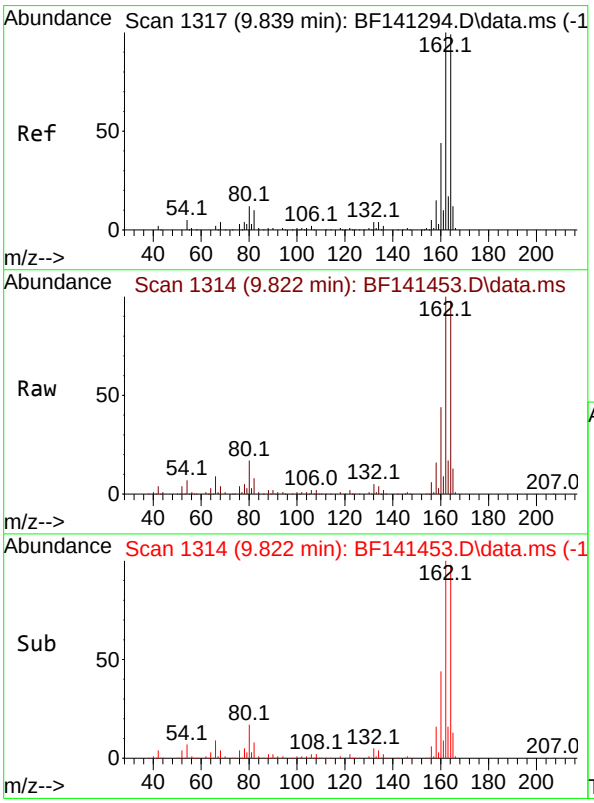
#25
Isophorone
Concen: 57.500 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.277 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion: 82 Resp: 591676

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.7	22.1#

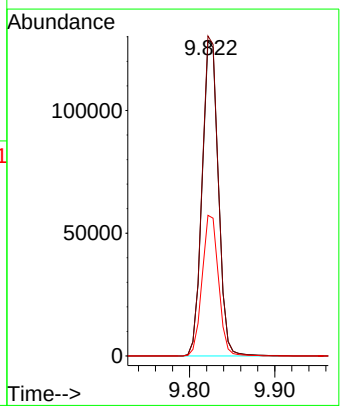


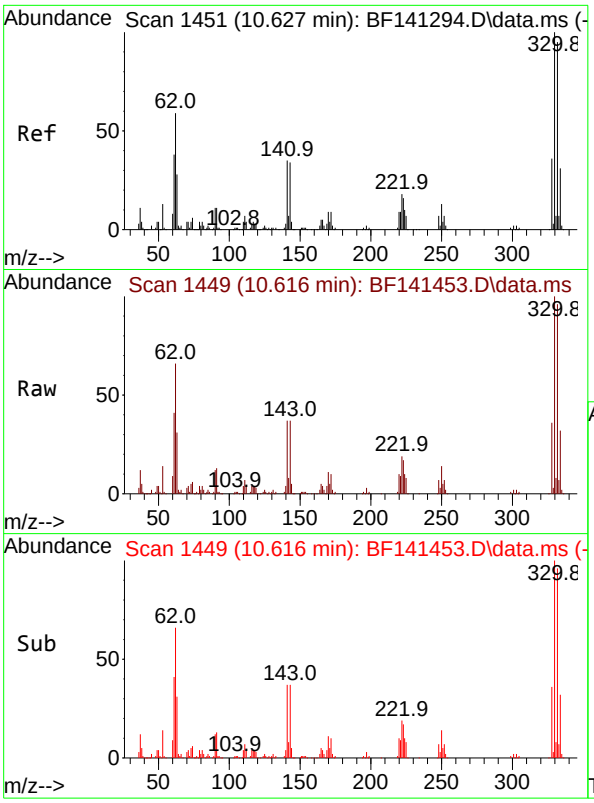


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:164 Resp: 169630

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	121.0
160	44.7	35.8	53.6



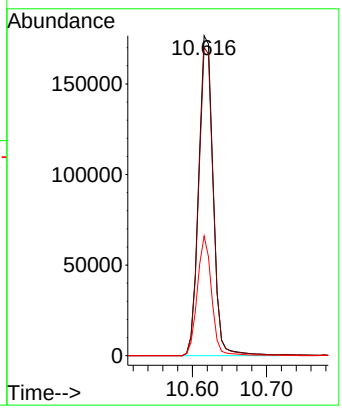


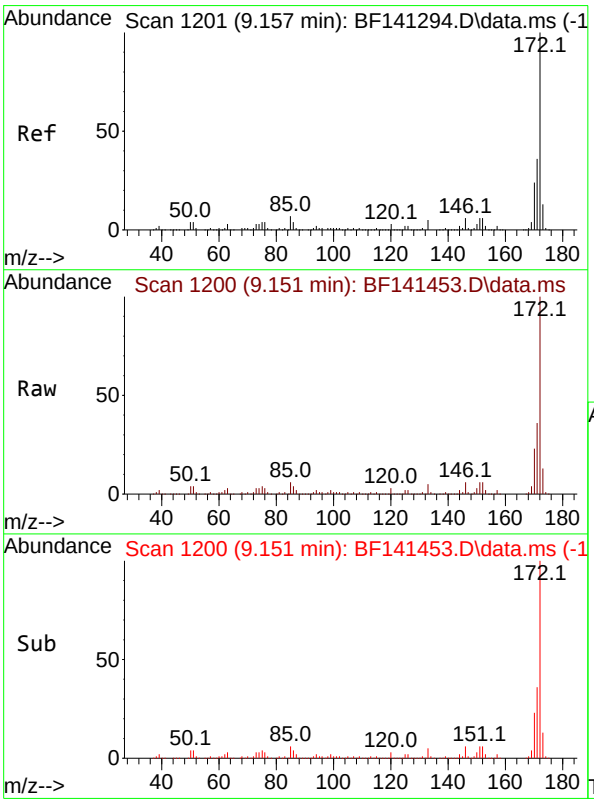
#42
2,4,6-Tribromophenol
Concen: 154.750 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion:330 Resp: 240654

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.1	114.1
141	36.9	28.8	43.2

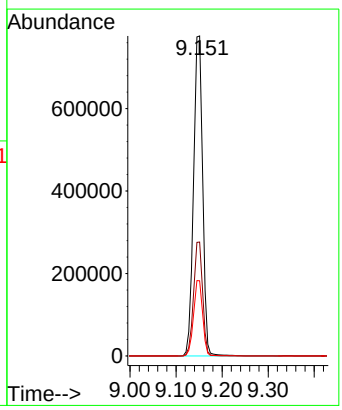


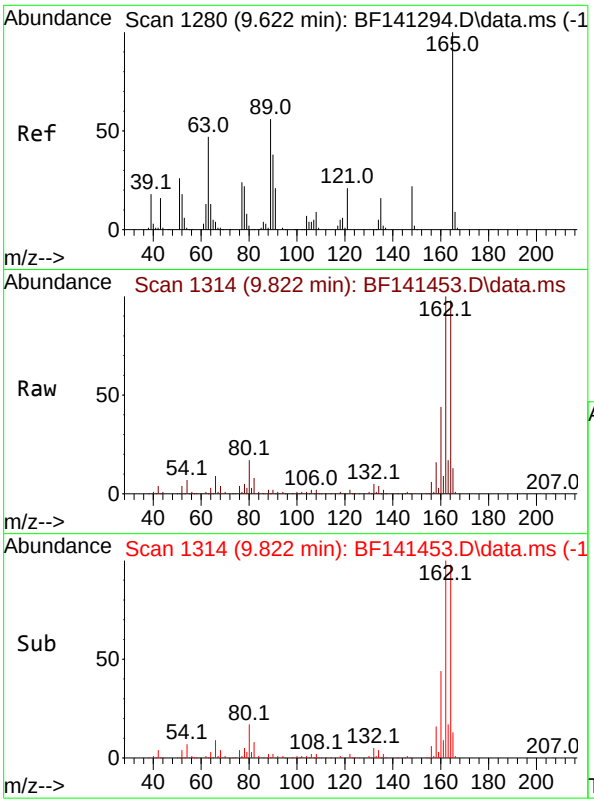


#45
2-Fluorobiphenyl
Concen: 96.634 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:172 Resp: 1064973

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.5	19.0	28.6



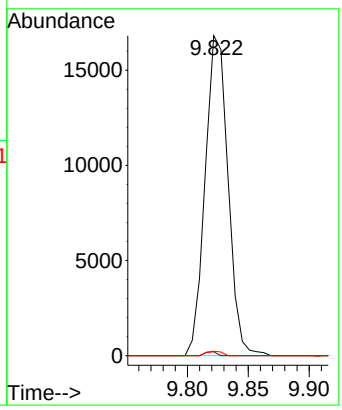


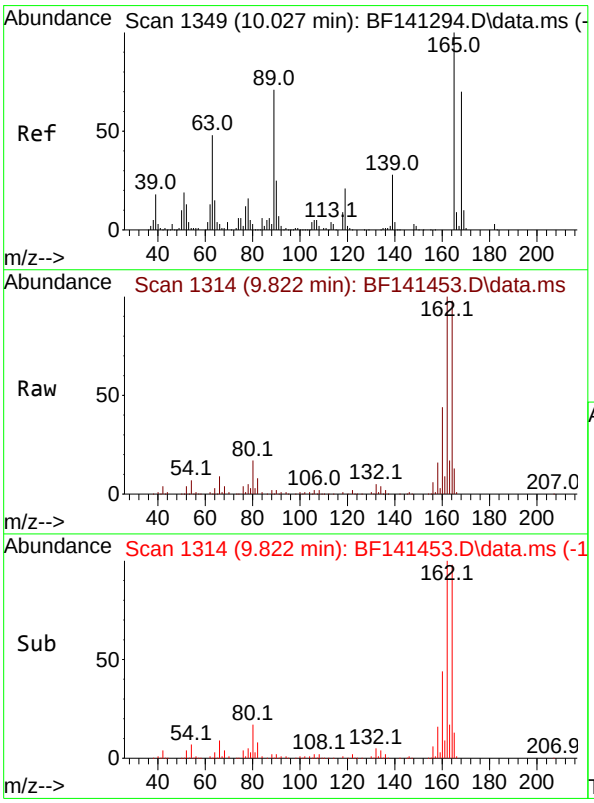
#51
2,6-Dinitrotoluene
Concen: 8.276 ng
RT: 9.822 min Scan# 1
Delta R.T. 0.194 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion:165 Resp: 22015

Ion	Ratio	Lower	Upper
165	100		
63	1.2	48.1	72.1#
89	1.4	44.9	67.3#

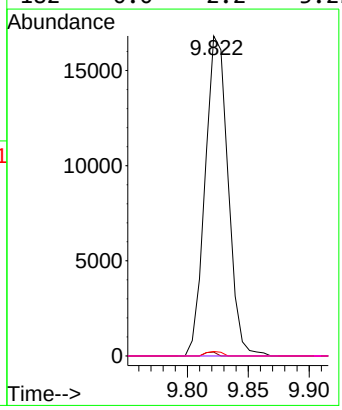


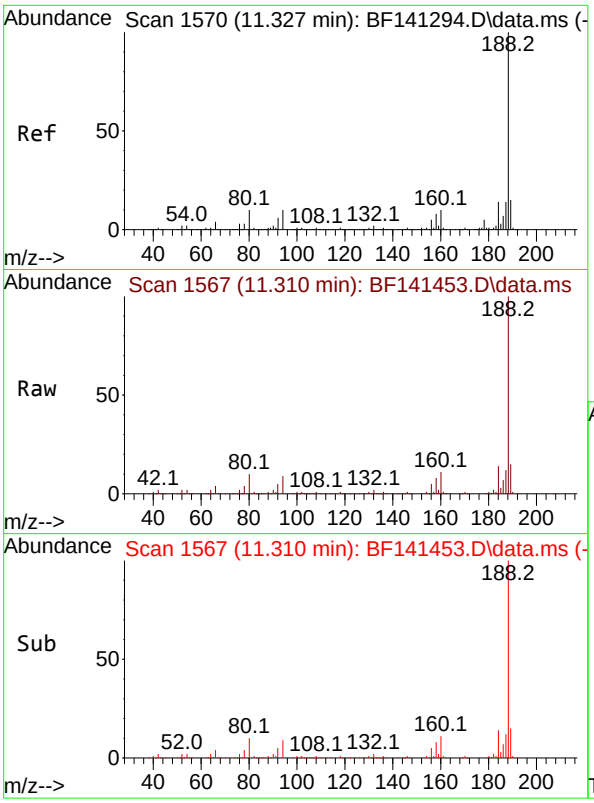


#57
2,4-Dinitrotoluene
Concen: 6.392 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:165 Resp: 22015

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.2	58.8#
89	1.4	56.9	85.3#
182	0.0	2.2	3.2#



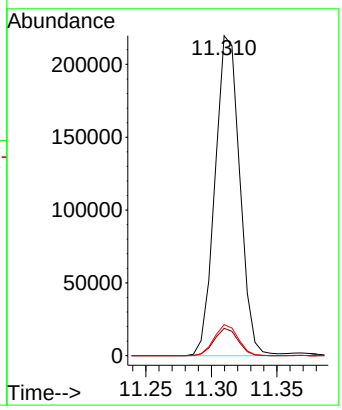


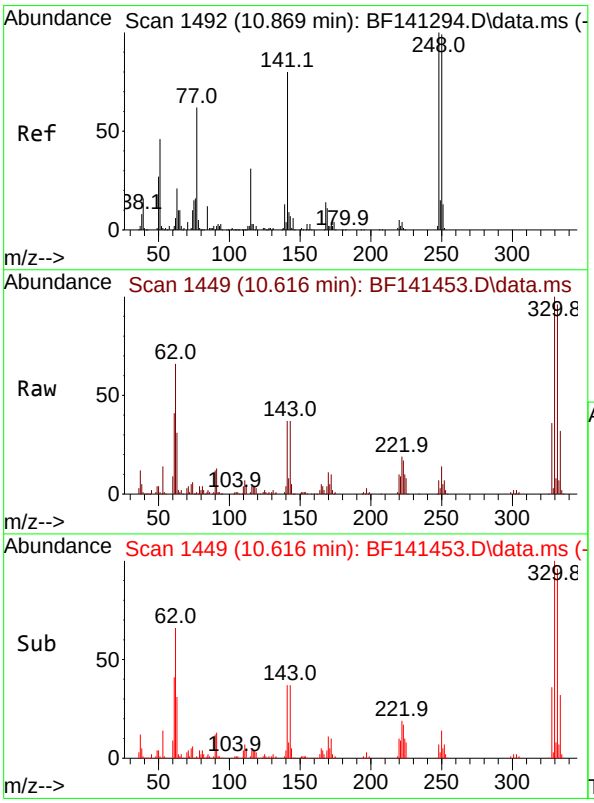
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion:188 Resp: 288034

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.8	11.6
80	9.7	8.2	12.4

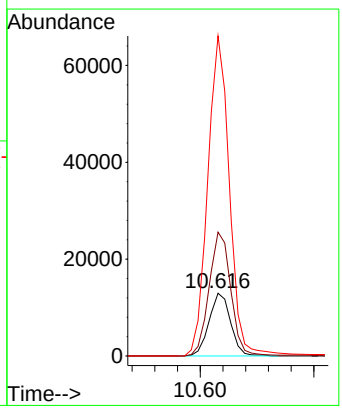


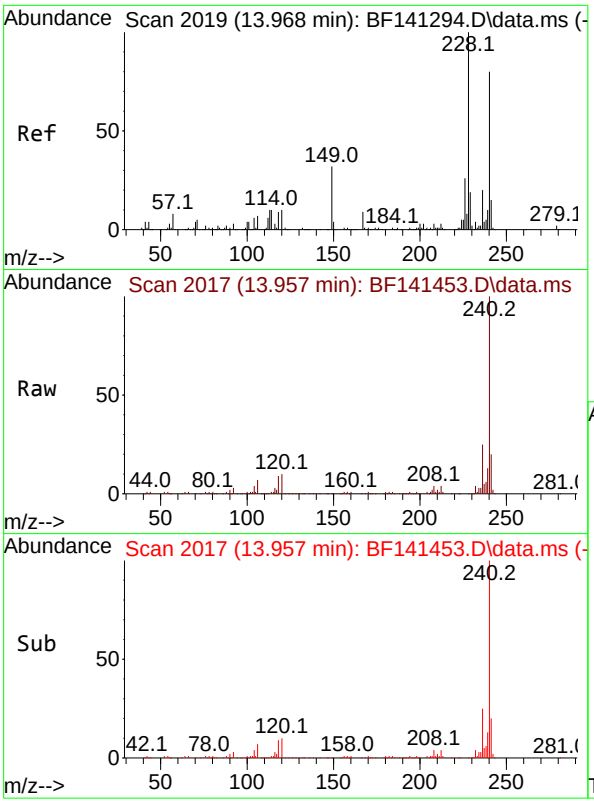


#67
4-Bromophenyl-phenylether
Concen: 5.277 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:248 Resp: 17017

Ion	Ratio	Lower	Upper
248	100		
250	197.3	79.0	118.4#
141	509.8	63.7	95.5#



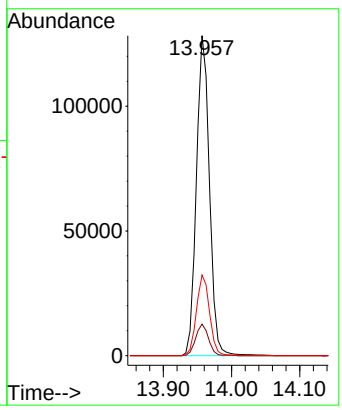


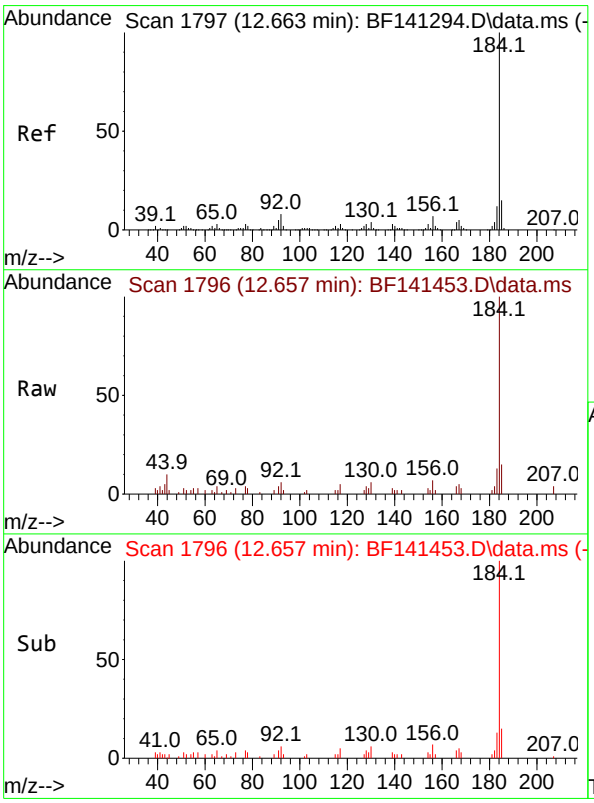
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion:240 Resp: 170634

Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.0	15.0#
236	25.2	19.7	29.5

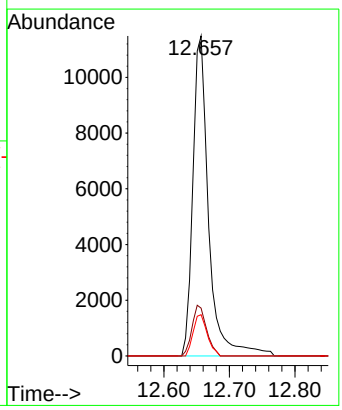


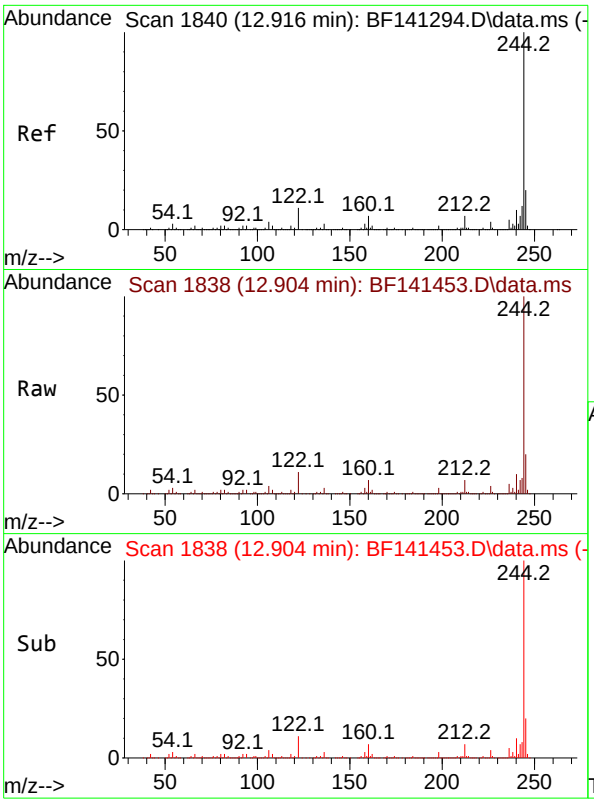


#77
Benzidine
Concen: 3.507 ng
RT: 12.657 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:184 Resp: 19186

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.9	17.9
183	12.9	9.5	14.3



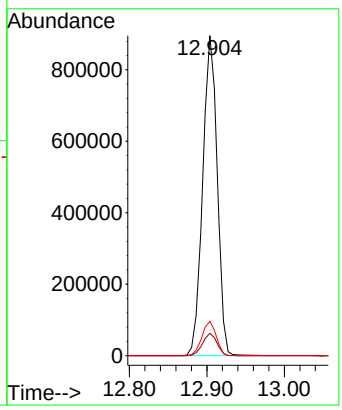


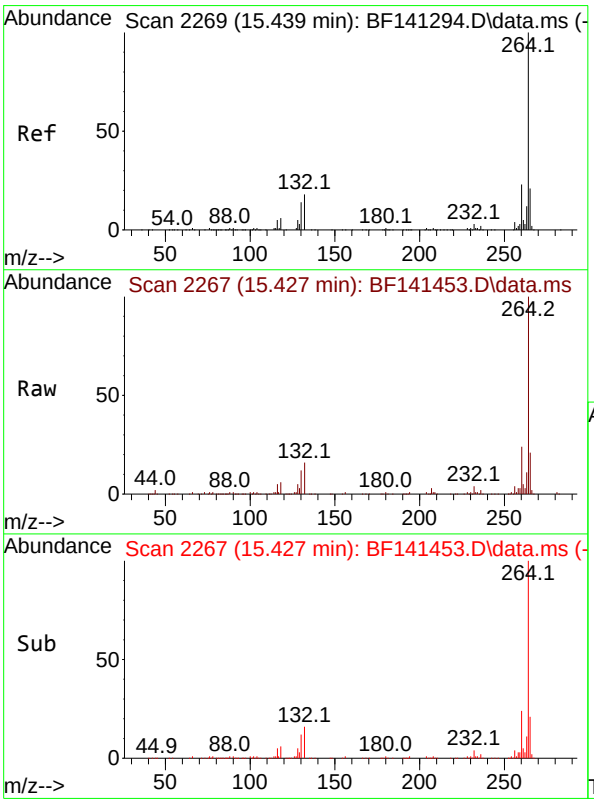
#79
Terphenyl-d14
Concen: 105.312 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Instrument :
BNA_F
ClientSampleId :
JPP-5.1-012725

Tgt Ion:244 Resp: 1165219

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.7	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141453.D
Acq: 05 Feb 2025 18:01

Tgt Ion:264 Resp: 176168

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.3	16.7	25.1