Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141421.D
Acq On : 04 Feb 2025 20:52
Operator : RC/JU
Sample : Q1216-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Quant Time: Feb 05 00:34:23 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	6.787	152	74626	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	293999	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	165750	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	297752	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	264789	20.000	ng	#-0.02
86) Perylene-d12	15.416	264	216090	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	672536	138.354	ng	0.01
7) Phenol-d6	6.428	99	765083	123.724	ng	-0.01
23) Nitrobenzene-d5	7.351	82	602942	108.113	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	268296	176.563	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1121549	104.149	ng	-0.02
79) Terphenyl-d14	12.904	244	1477098	86.029	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	81329	22.134	ng	# 76
25) Isophorone	7.351	82	598841	62.118	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	21613	8.315	ng	# 24
57) 2,4-Dinitrotoluene	9.822	165	21613	6.422	ng	# 23
67) 4-Bromophenyl-phenylether	10.616	248	18979	5.694	ng	# 1

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

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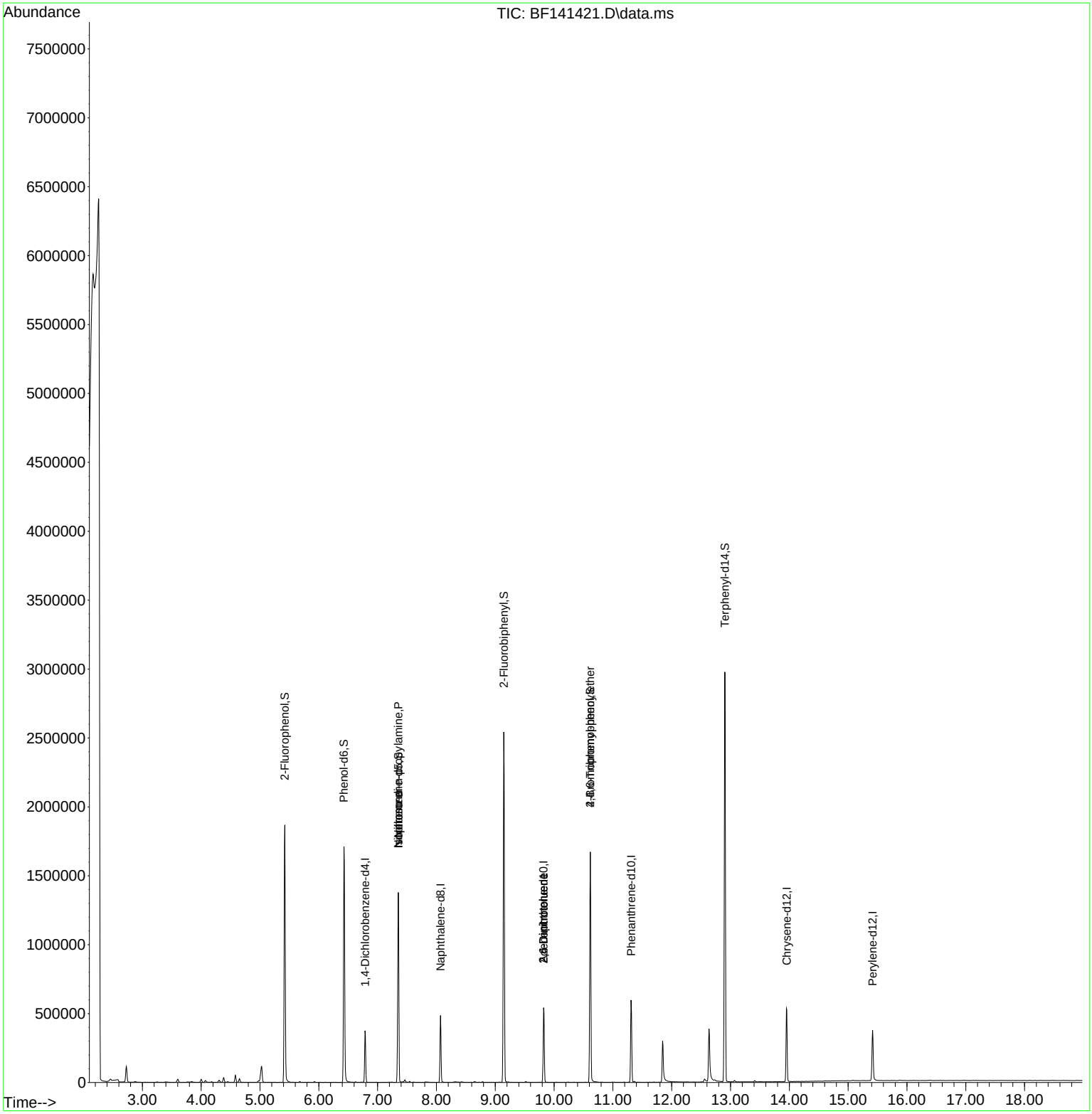
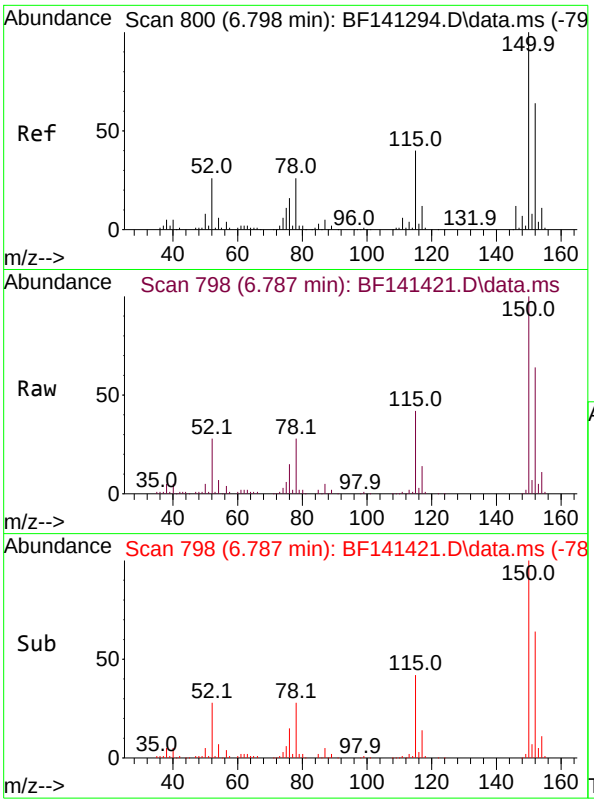


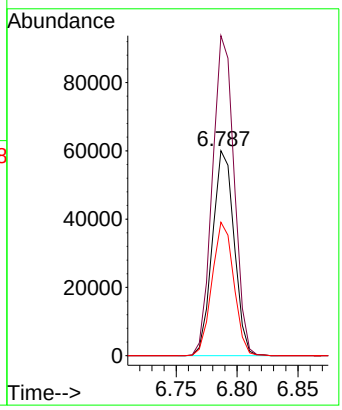


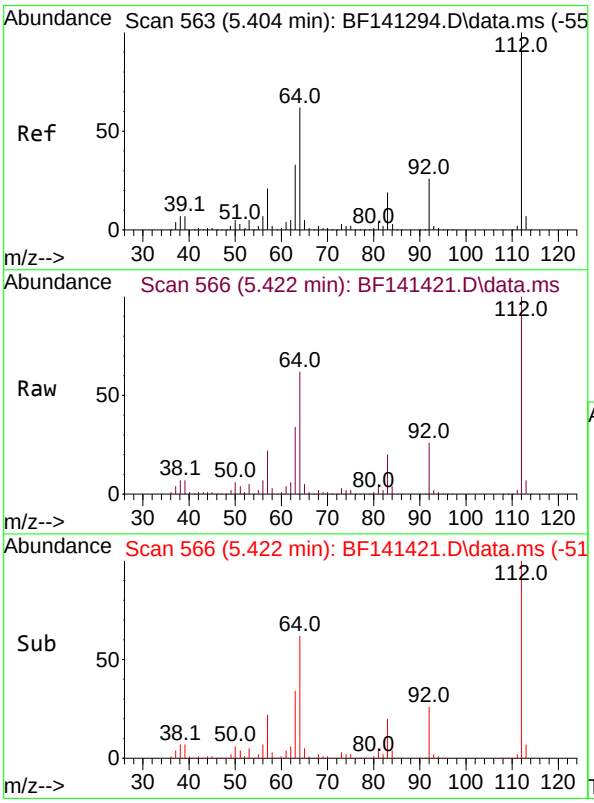
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:152 Resp: 74626

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.9	188.9
115	65.1	49.7	74.5

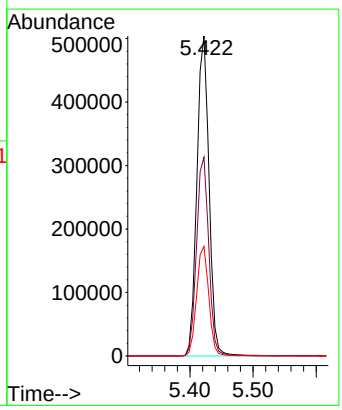


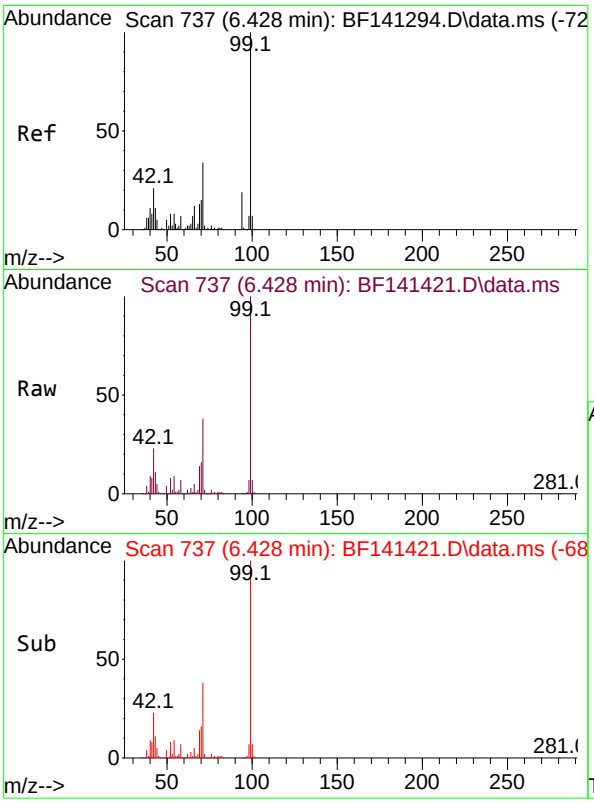


#5
2-Fluorophenol
Concen: 138.354 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion:112 Resp: 672536

Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.8	74.8
63	34.2	26.1	39.1



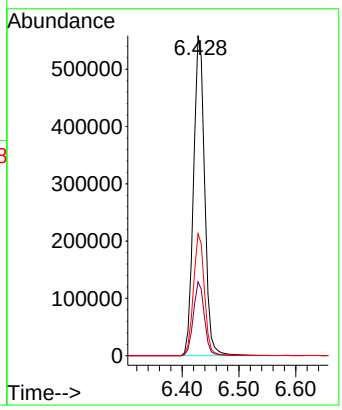


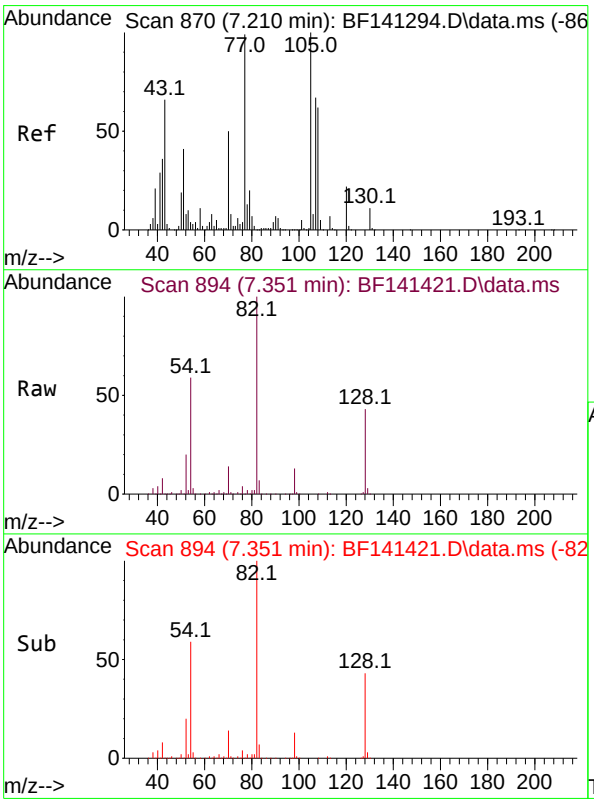
#7
Phenol-d6
Concen: 123.724 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion: 99 Resp: 765083

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.1	25.7
71	38.2	26.9	40.3

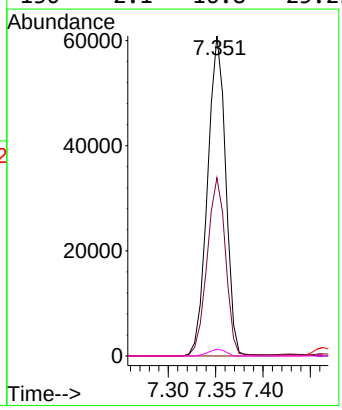


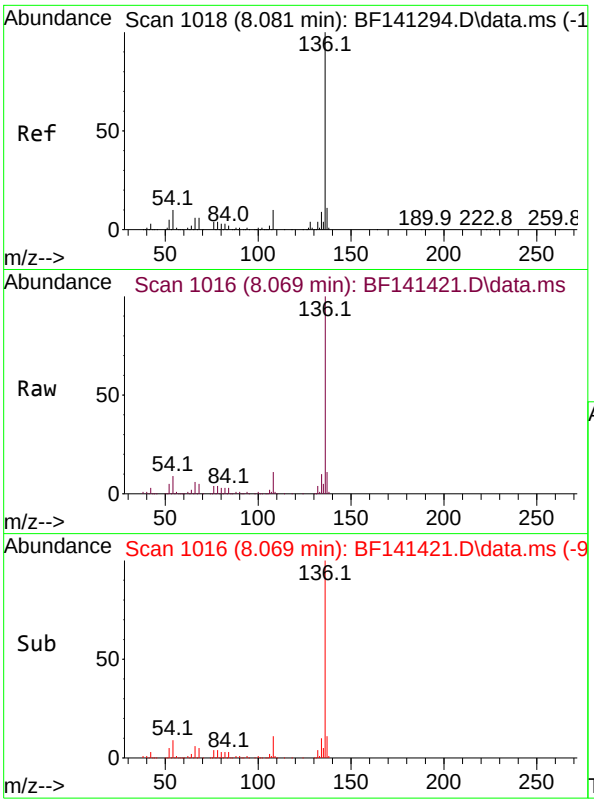


#19
n-Nitroso-di-n-propylamine
Concen: 22.134 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion: 70 Resp: 81329

Ion	Ratio	Lower	Upper
70	100		
42	55.7	56.8	85.2#
101	0.0	7.7	11.5#
130	2.1	16.8	25.2#



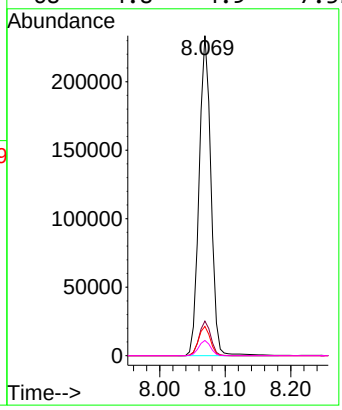


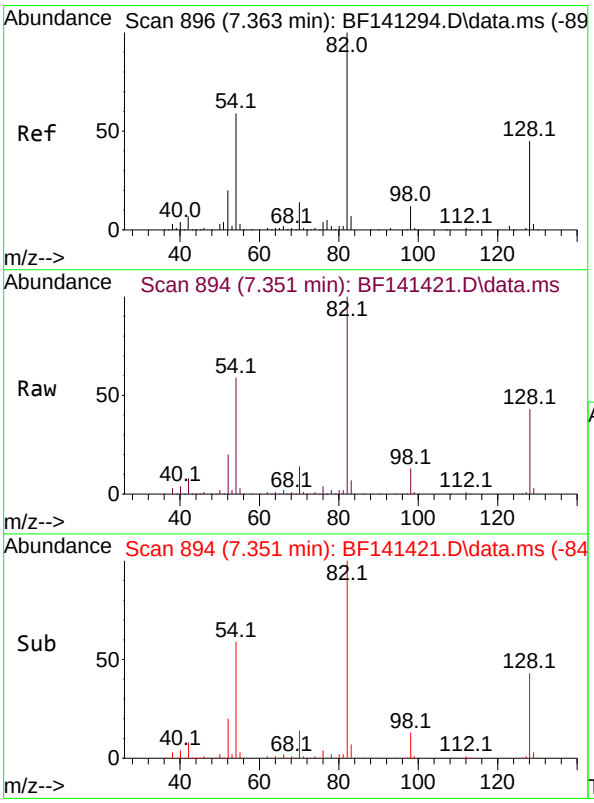
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:136 Resp: 293999

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	7.8	11.8
68	4.8	4.9	7.3#

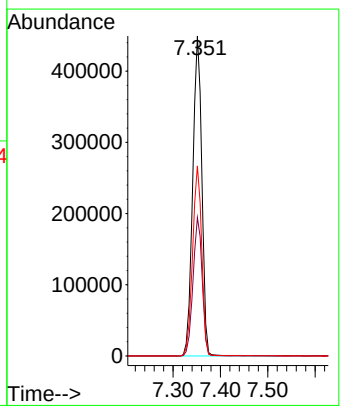


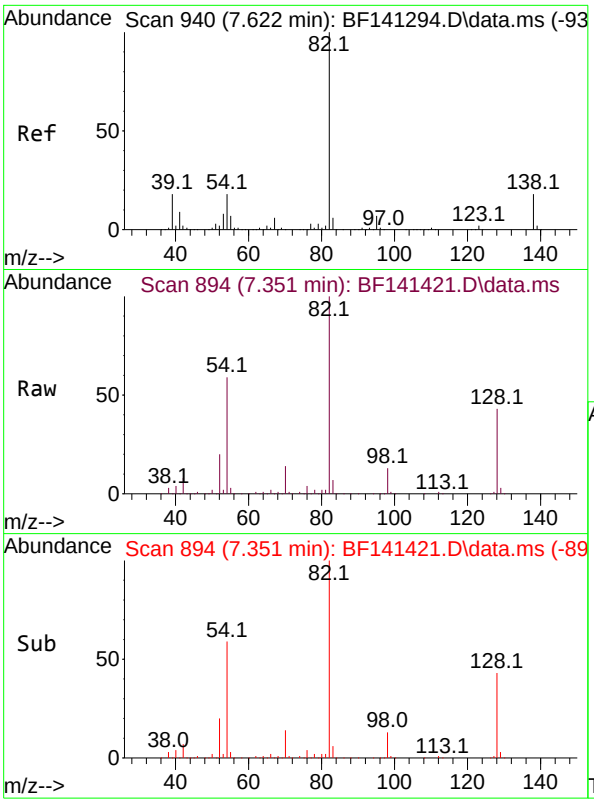


#23
Nitrobenzene-d5
Concen: 108.113 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion: 82 Resp: 602942

Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	59.4	47.1	70.7



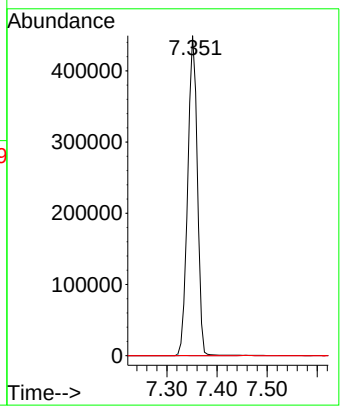


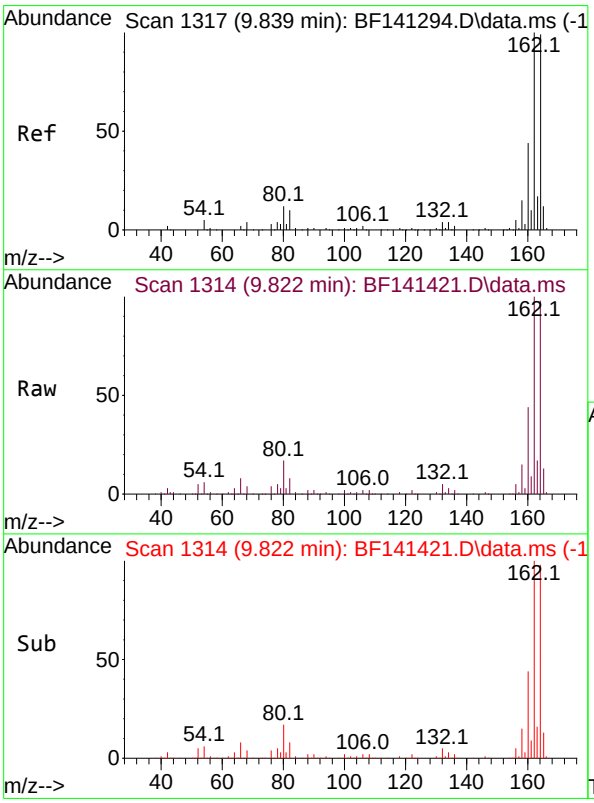
#25
Isophorone
Concen: 62.118 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.277 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion: 82 Resp: 598841

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

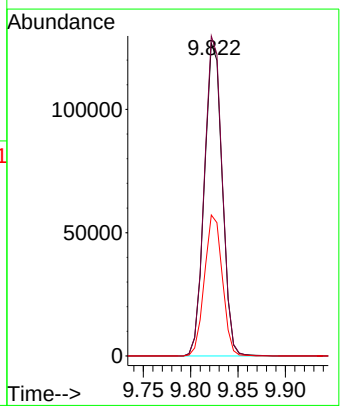


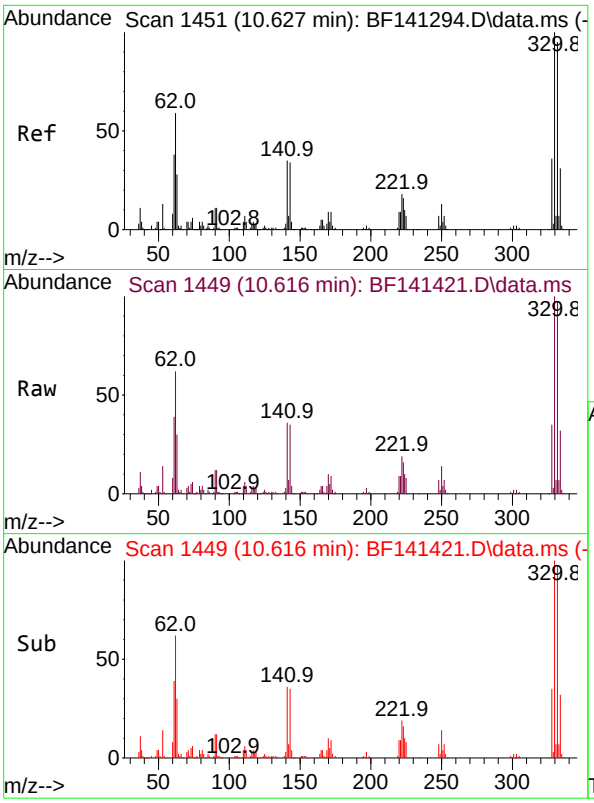


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion:164 Resp: 165750

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	45.0	35.8	53.6



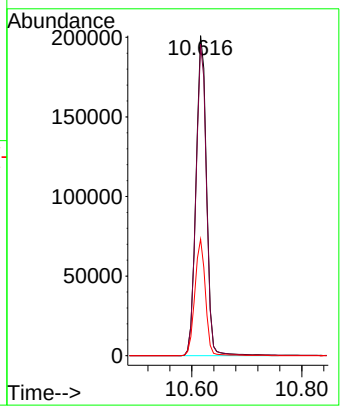


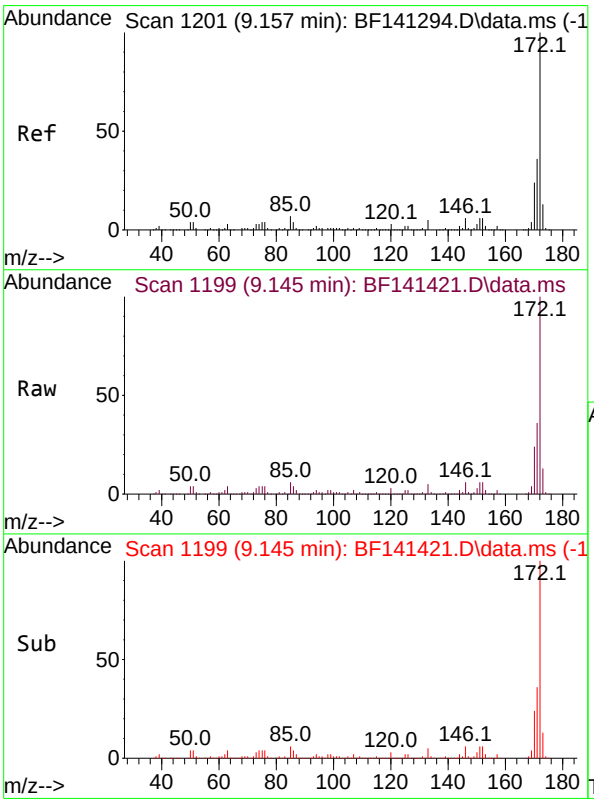
#42
2,4,6-Tribromophenol
Concen: 176.563 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:330 Resp: 268296

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.1	114.1
141	36.4	28.8	43.2

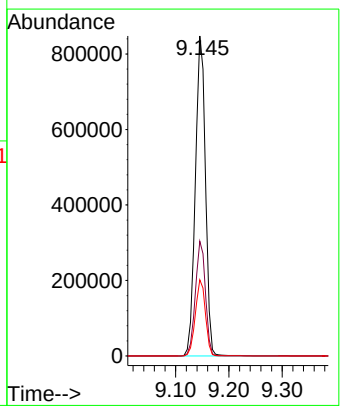


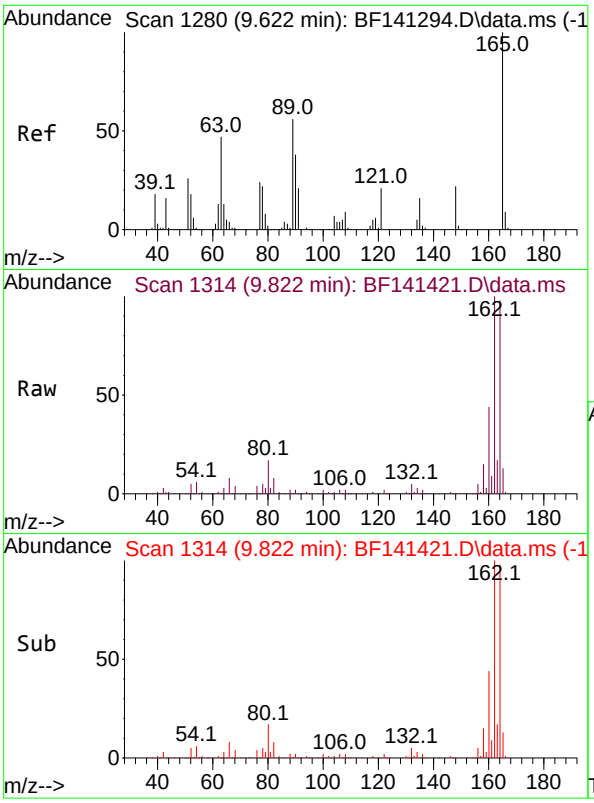


#45
2-Fluorobiphenyl
Concen: 104.149 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion:172 Resp: 1121549

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.8	19.0	28.6



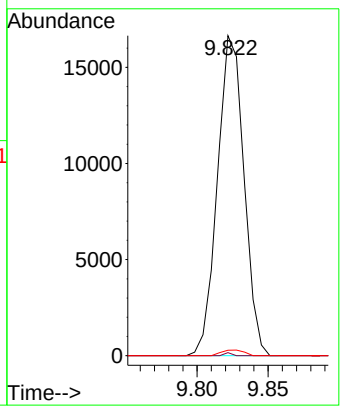


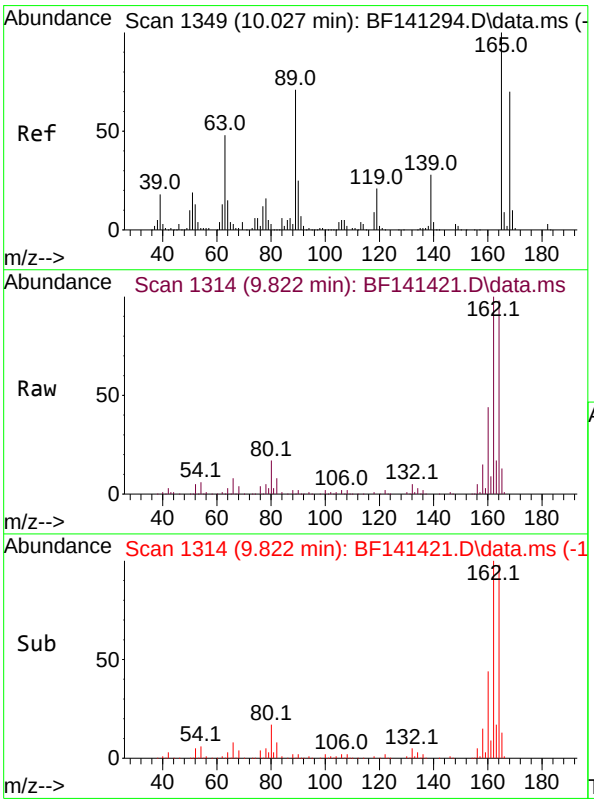
#51
2,6-Dinitrotoluene
Concen: 8.315 ng
RT: 9.822 min Scan# 1
Delta R.T. 0.194 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:165 Resp: 21613

Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.1	72.1#
89	1.7	44.9	67.3#

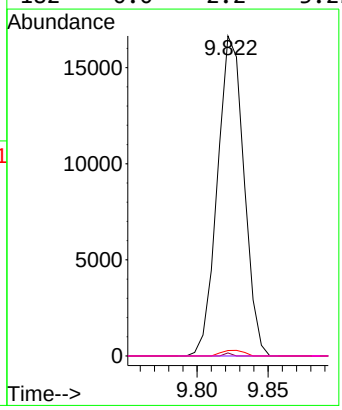


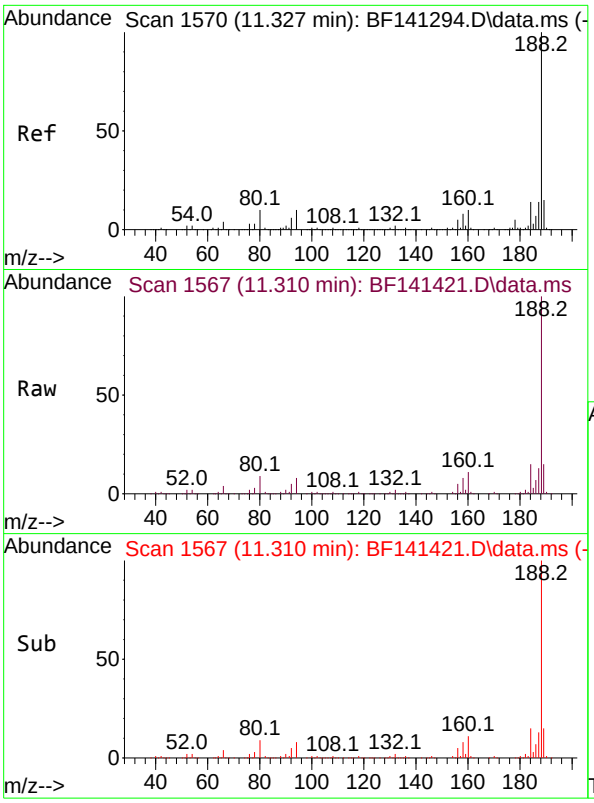


#57
2,4-Dinitrotoluene
Concen: 6.422 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.212 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion:165 Resp: 21613

Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.2	58.8#
89	1.7	56.9	85.3#
182	0.0	2.2	3.2#



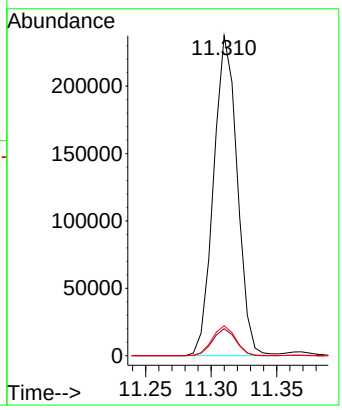


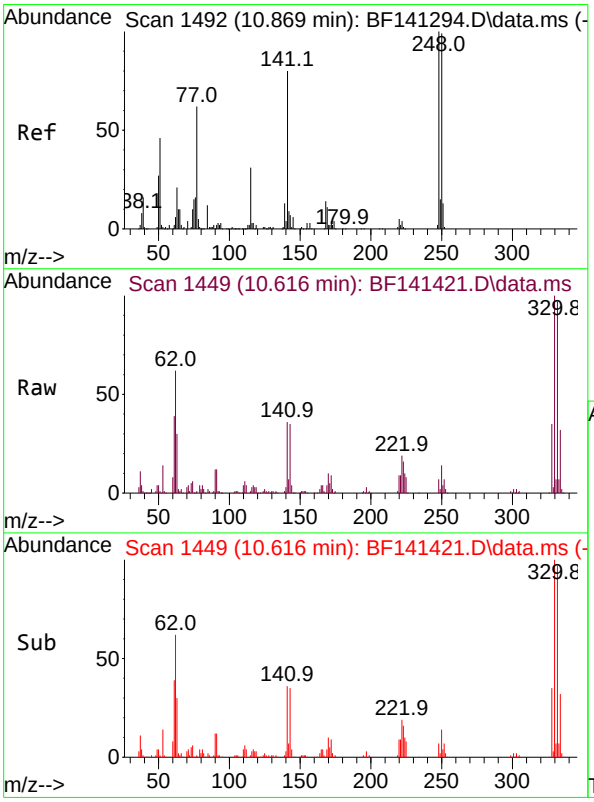
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:188 Resp: 297752

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.6
80	9.3	8.2	12.4

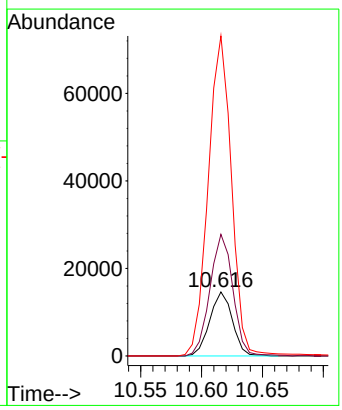


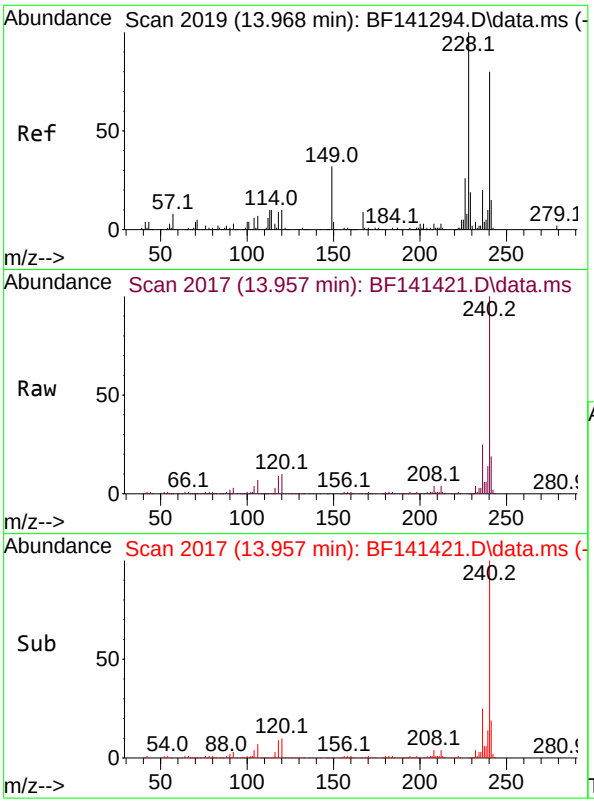


#67
4-Bromophenyl-phenylether
Concen: 5.694 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion:248 Resp: 18979

Ion	Ratio	Lower	Upper
248	100		
250	190.1	79.0	118.4#
141	500.0	63.7	95.5#



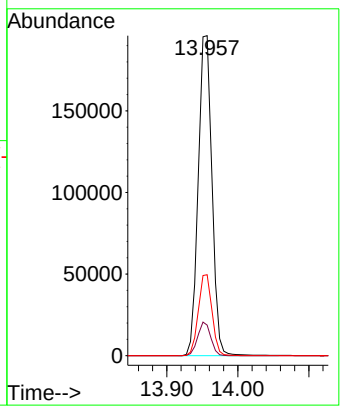


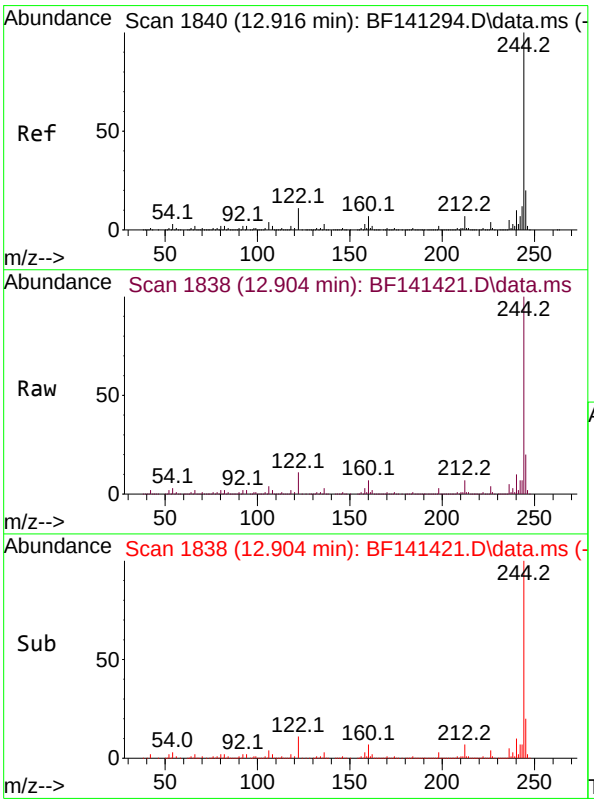
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:240 Resp: 264789

Ion	Ratio	Lower	Upper
240	100		
120	9.5	10.0	15.0#
236	25.3	19.7	29.5

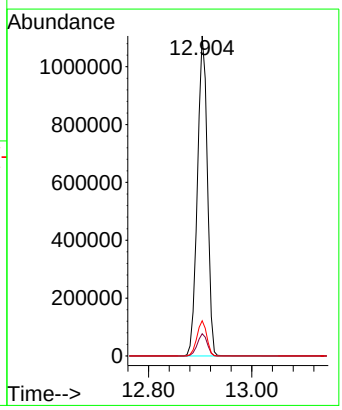


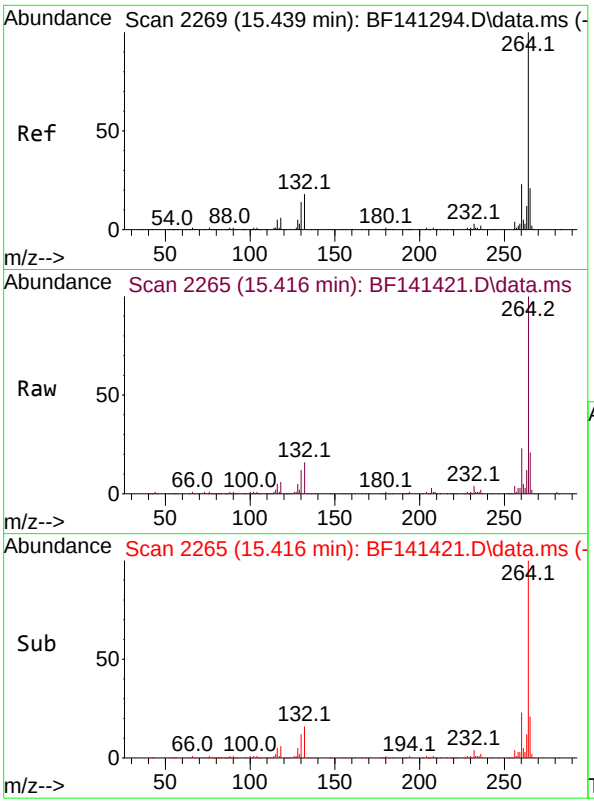


#79
Terphenyl-d14
Concen: 86.029 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Tgt Ion:244 Resp: 1477098

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141421.D
Acq: 04 Feb 2025 20:52

Instrument :
BNA_F
ClientSampleId :
JPP-21.1-012825

Tgt Ion:264 Resp: 216090

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.1	16.7	25.1