Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141349.D
Acq On : 31 Jan 2025 23:10
Operator : RC/JU
Sample : Q1194-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Quant Time: Feb 01 00:05:04 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	6.798	152	146484	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	587603	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	300372	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	443291	20.000	ng	0.00
76) Chrysene-d12	13.963	240	300964	20.000	ng	-0.01
86) Perylene-d12	15.416	264	270058	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	837109	87.732	ng	0.01
7) Phenol-d6	6.440	99	1031120	84.948	ng	0.00
23) Nitrobenzene-d5	7.357	82	669348	60.050	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	223067	81.006	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1158393	59.359	ng	0.00
79) Terphenyl-d14	12.910	244	901846	46.212	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	88073	12.211	ng	# 76
25) Isophorone	7.357	82	661230	34.318	ng	# 64
50) Dimethylphthalate	9.834	163	44021	2.170	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	38635	8.202	ng	# 23
57) 2,4-Dinitrotoluene	9.834	165	38635	6.335	ng	# 23
63) Azobenzene	10.545	77	43760	2.222	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	15240	3.071	ng	# 1

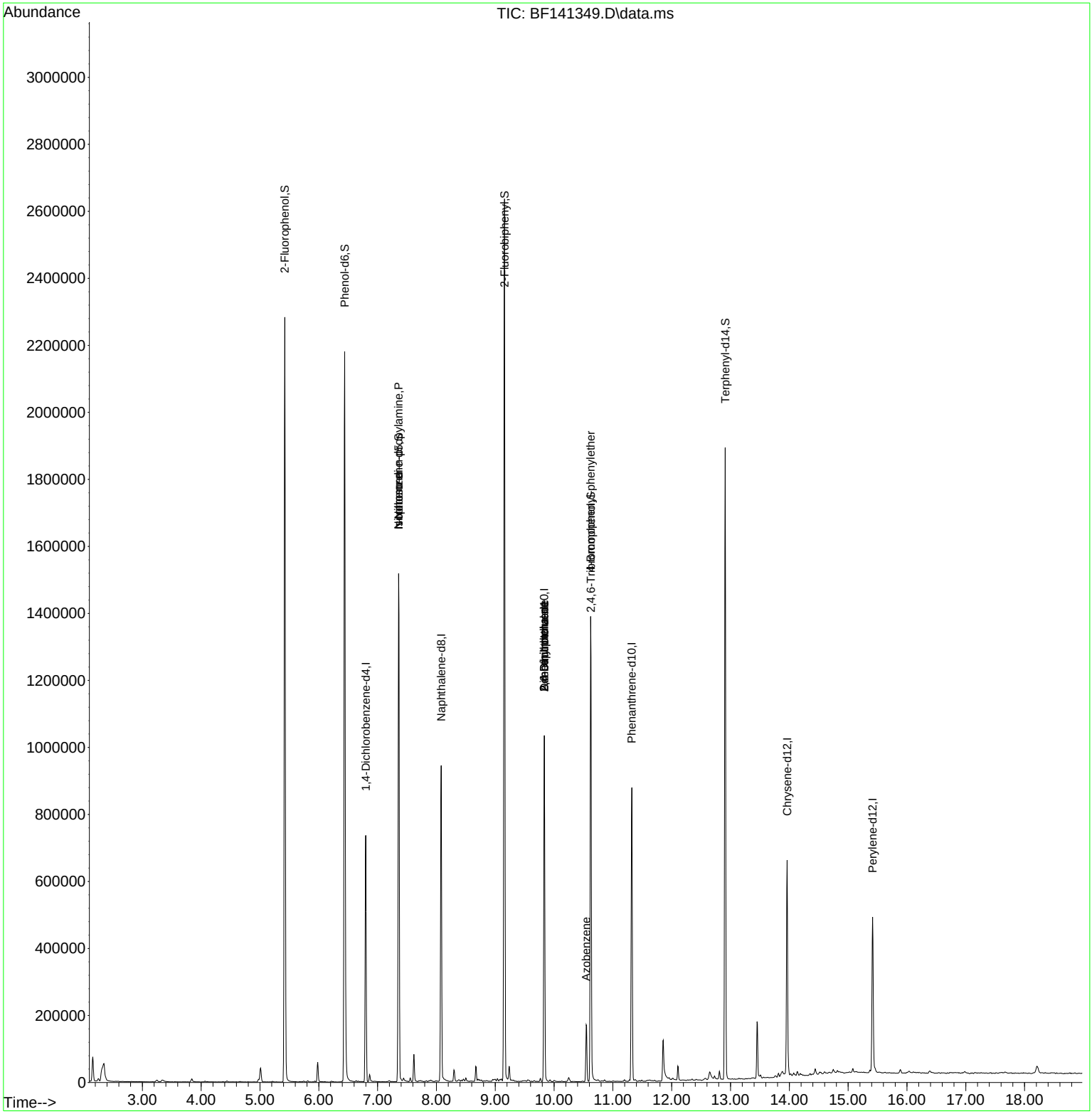
(#) = qualifier out of range (m) = manual integration (+) = signals summed

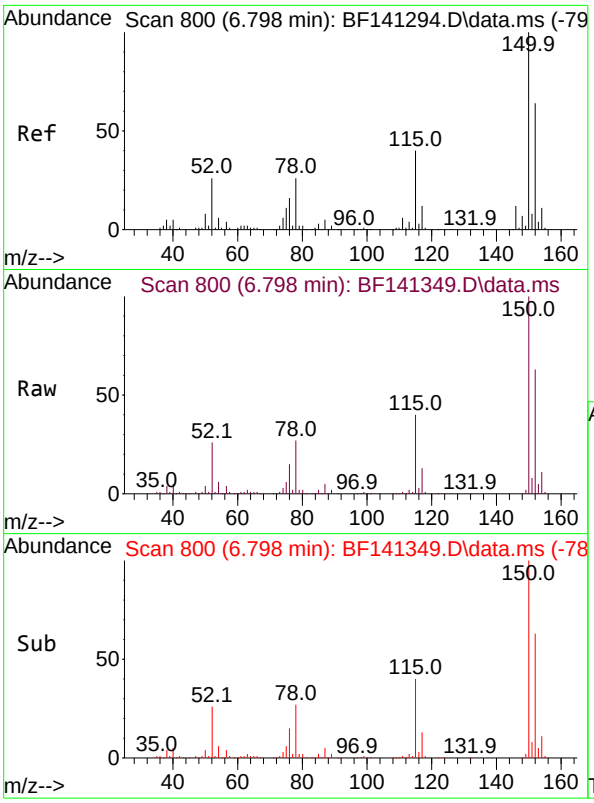
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141349.D
Acq On : 31 Jan 2025 23:10
Operator : RC/JU
Sample : Q1194-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Quant Time: Feb 01 00:05:04 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



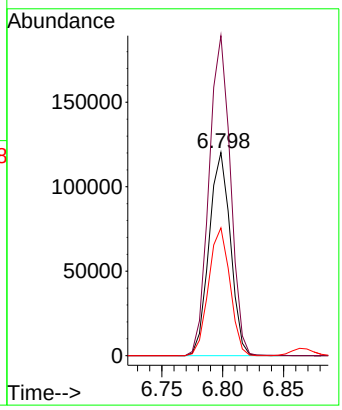


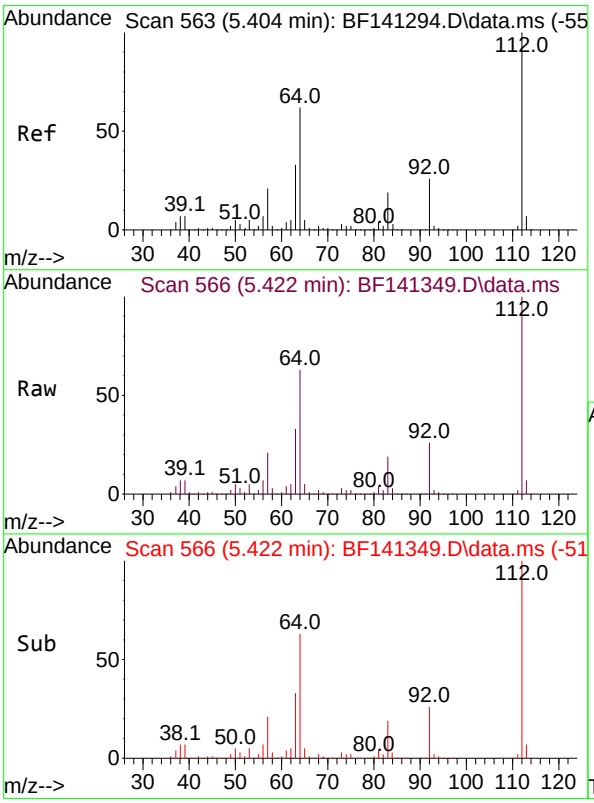
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion:152 Resp: 146484

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.9	188.9
115	62.9	49.7	74.5

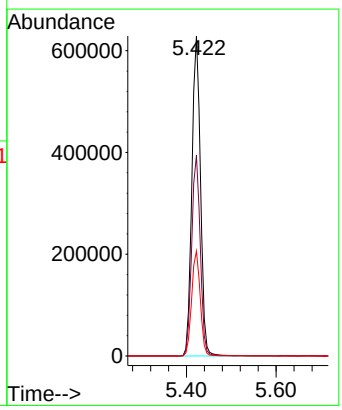


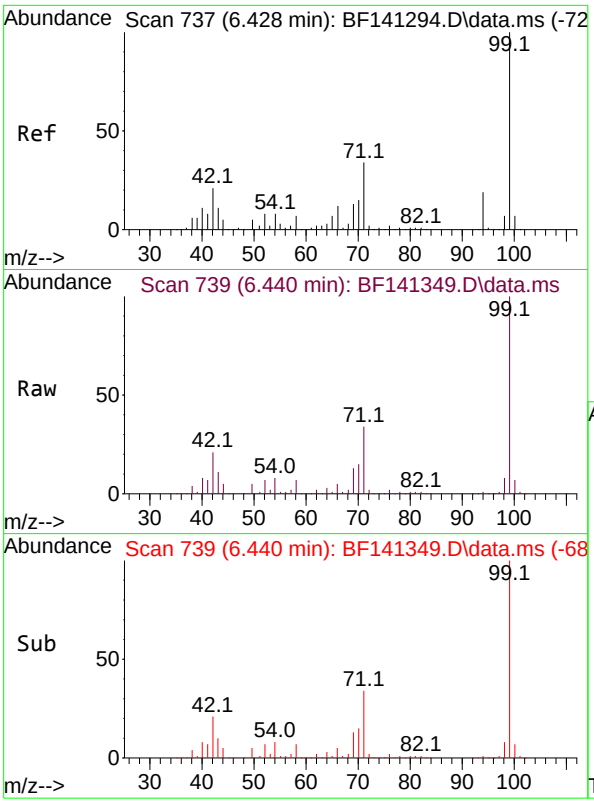


#5
2-Fluorophenol
Concen: 87.732 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion:112 Resp: 837109

Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.8	74.8
63	32.8	26.1	39.1



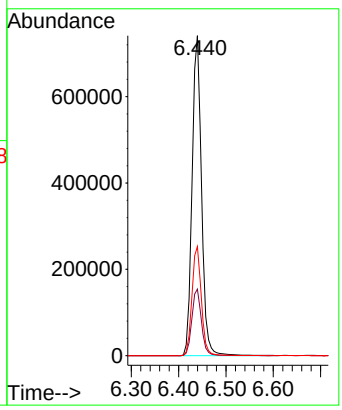


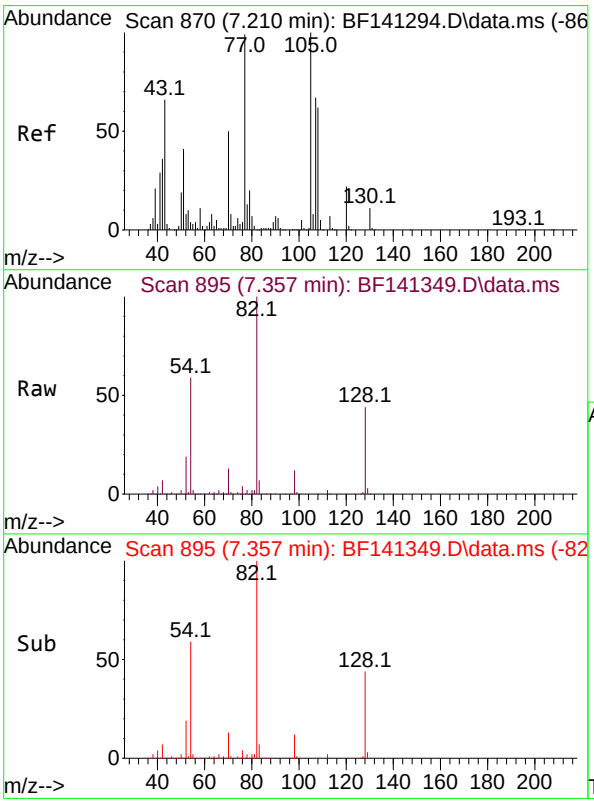
#7
Phenol-d6
Concen: 84.948 ng
RT: 6.440 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion: 99 Resp: 1031120

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.1	25.7
71	34.1	26.9	40.3

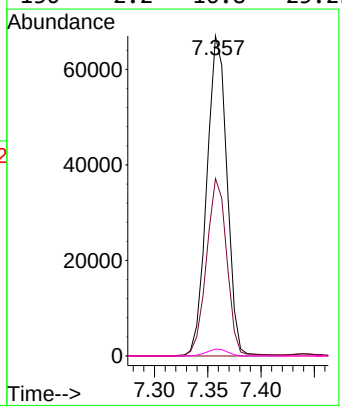


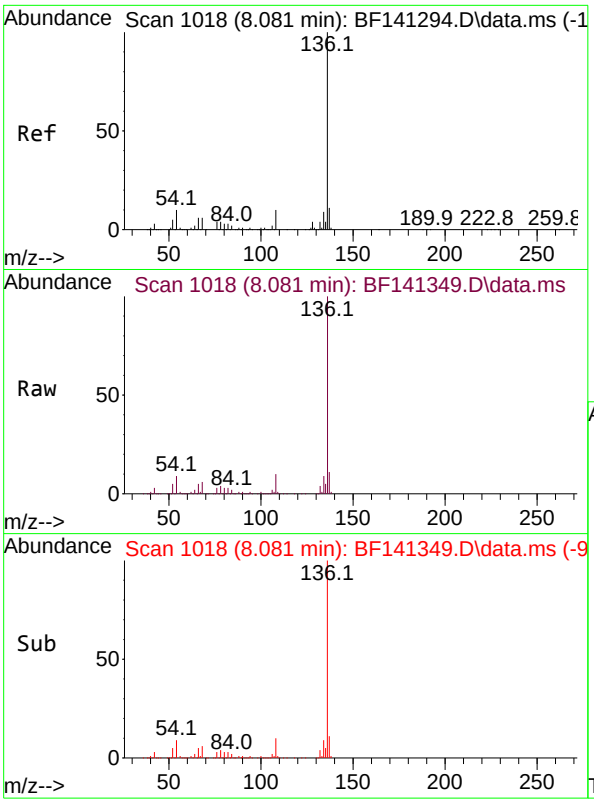


#19
n-Nitroso-di-n-propylamine
Concen: 12.211 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion: 70 Resp: 88073

Ion	Ratio	Lower	Upper
70	100		
42	55.4	56.8	85.2#
101	0.0	7.7	11.5#
130	2.2	16.8	25.2#



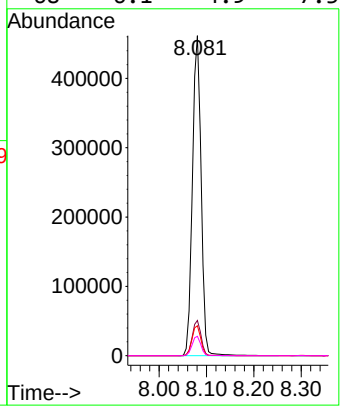


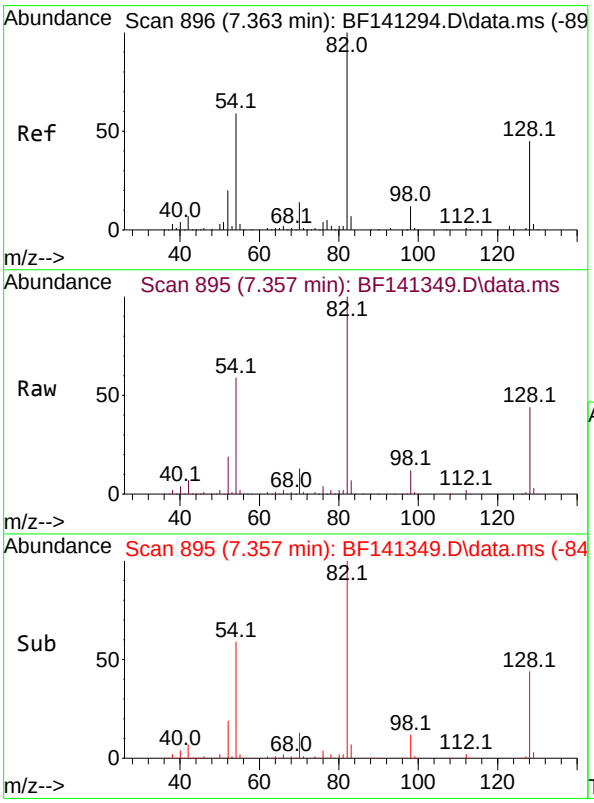
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion:136 Resp: 587603

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.3	7.8	11.8
68	6.1	4.9	7.3

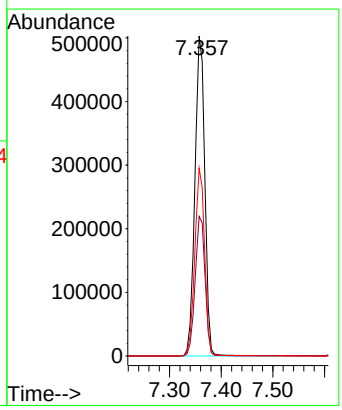


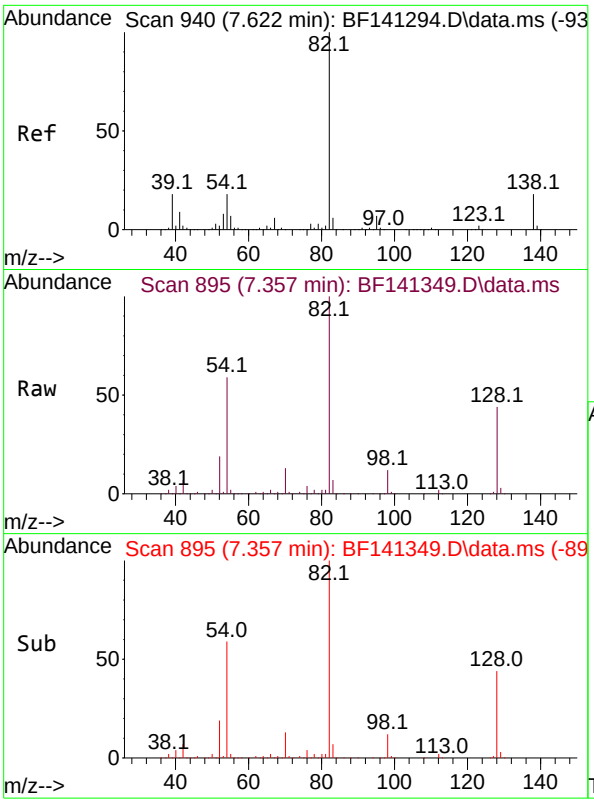


#23
Nitrobenzene-d5
Concen: 60.050 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion: 82 Resp: 669348

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.7	53.5
54	58.7	47.1	70.7



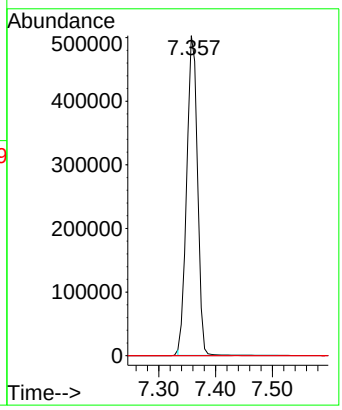


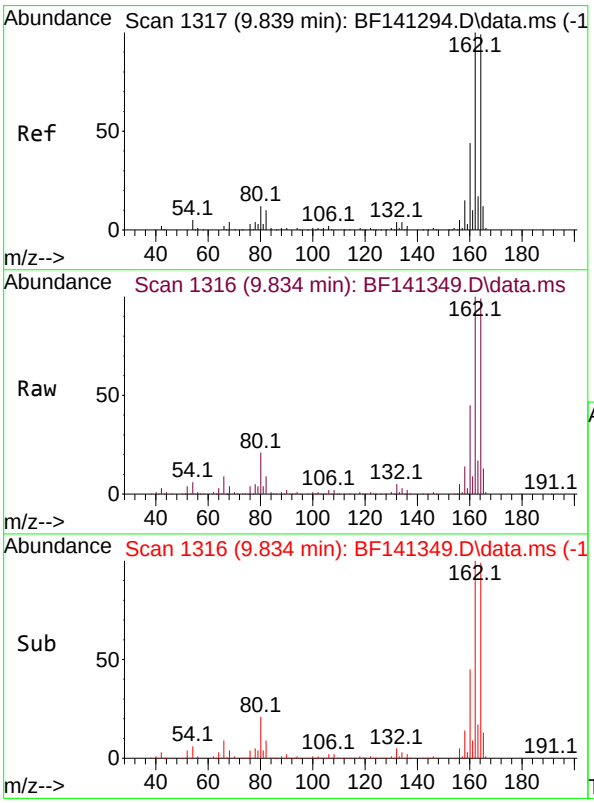
#25
Isophorone
Concen: 34.318 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion: 82 Resp: 661230

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

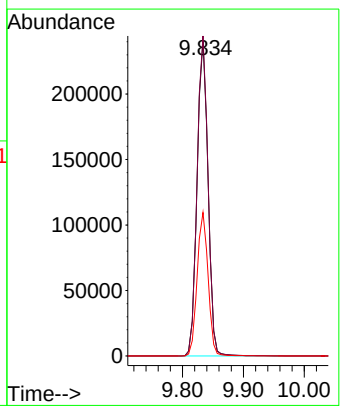


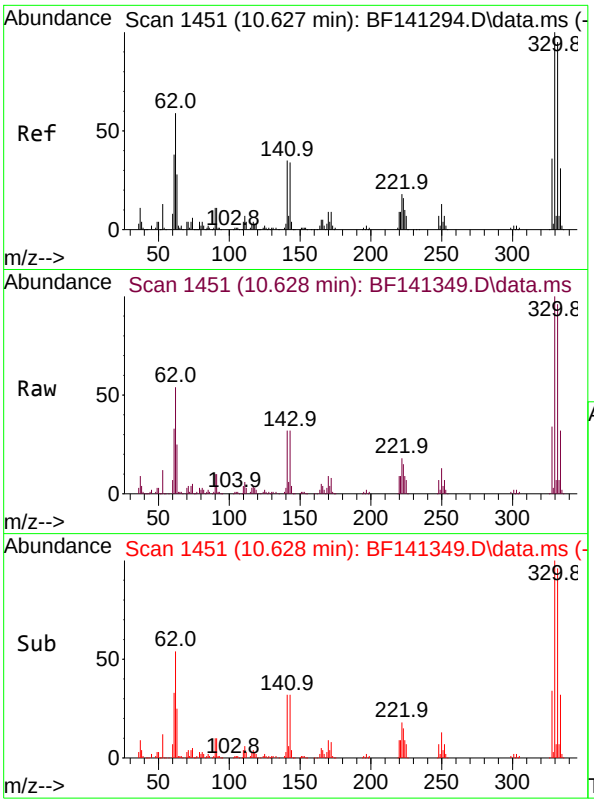


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion:164 Resp: 300372

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	45.5	35.8	53.6



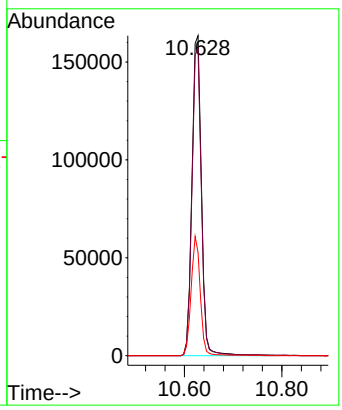


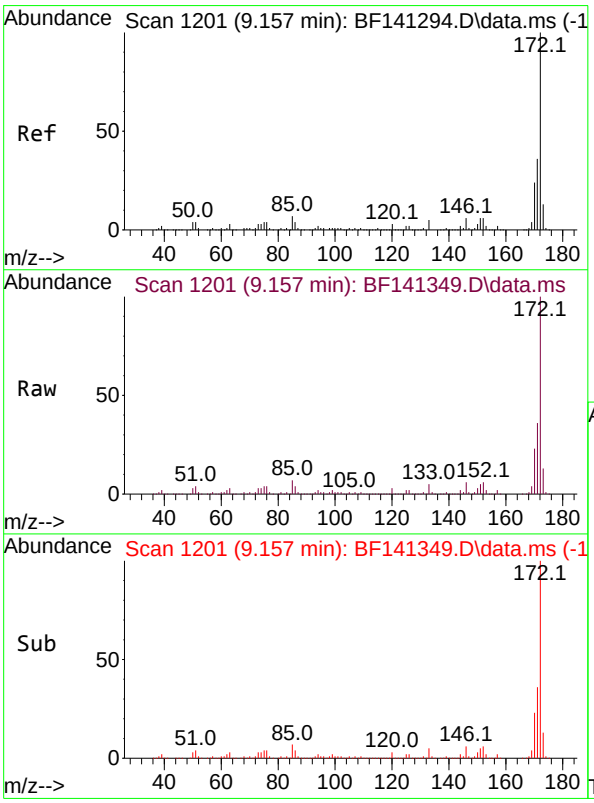
#42
2,4,6-Tribromophenol
Concen: 81.006 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion:330 Resp: 223067

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	36.0	28.8	43.2

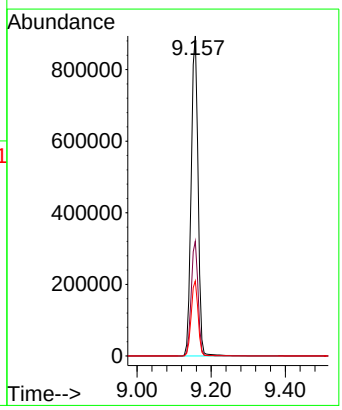


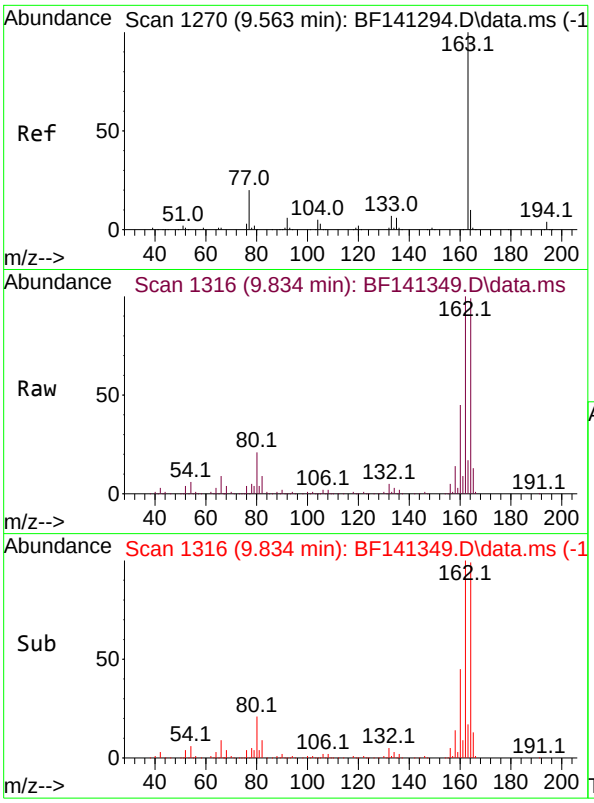


#45
2-Fluorobiphenyl
Concen: 59.359 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion:172 Resp: 1158393

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.4	19.0	28.6



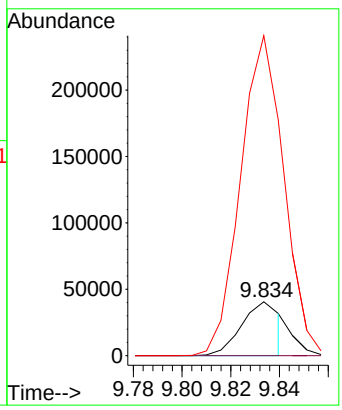


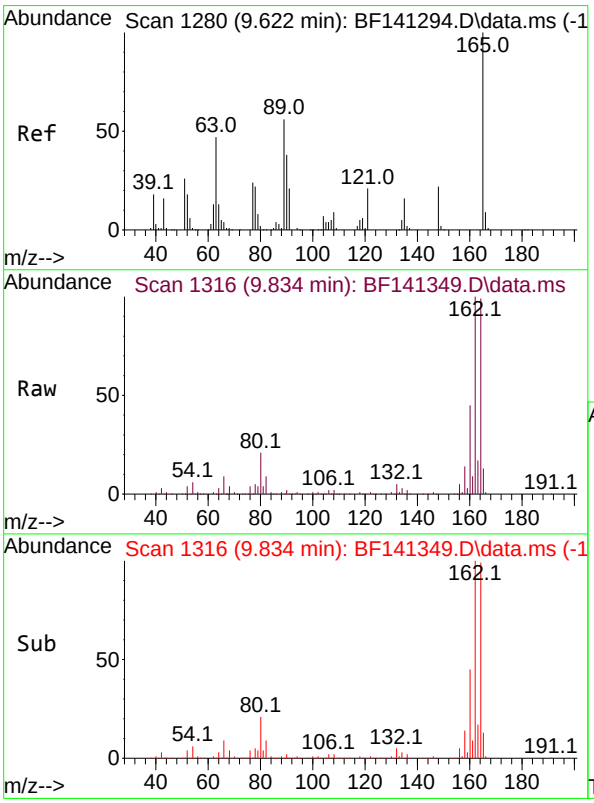
#50
Dimethylphthalate
Concen: 2.170 ng
RT: 9.834 min Scan# 1
Delta R.T. 0.265 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion:163 Resp: 44021

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	592.8	8.0	12.0#

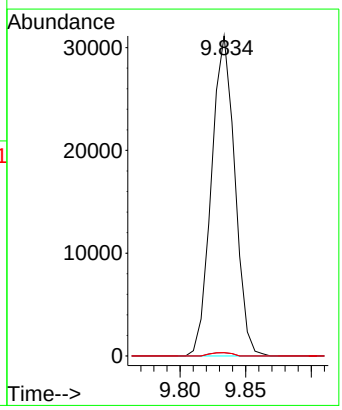


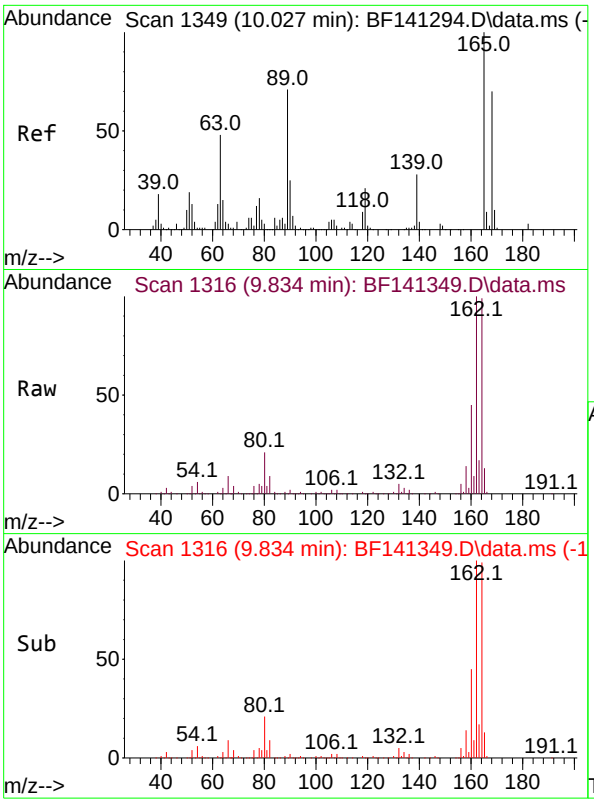


#51
2,6-Dinitrotoluene
Concen: 8.202 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion:165 Resp: 38635

Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.1	72.1#
89	1.1	44.9	67.3#



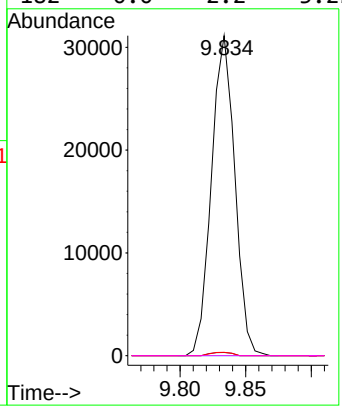


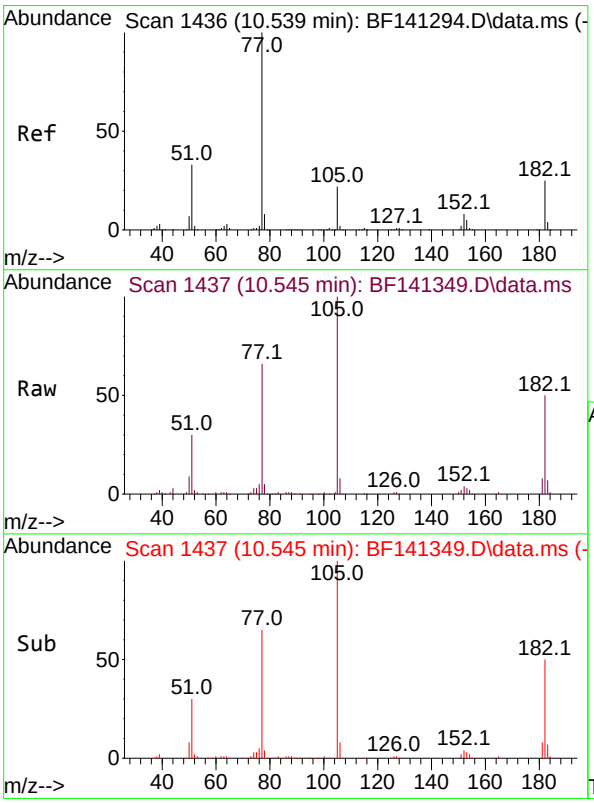
#57
2,4-Dinitrotoluene
Concen: 6.335 ng
RT: 9.834 min Scan# 1
Delta R.T. -0.200 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion:165 Resp: 38635

Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.2	58.8#
89	1.1	56.9	85.3#
182	0.0	2.2	3.2#

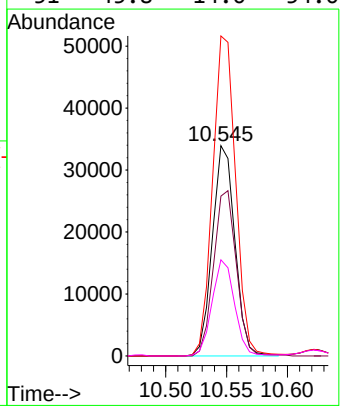


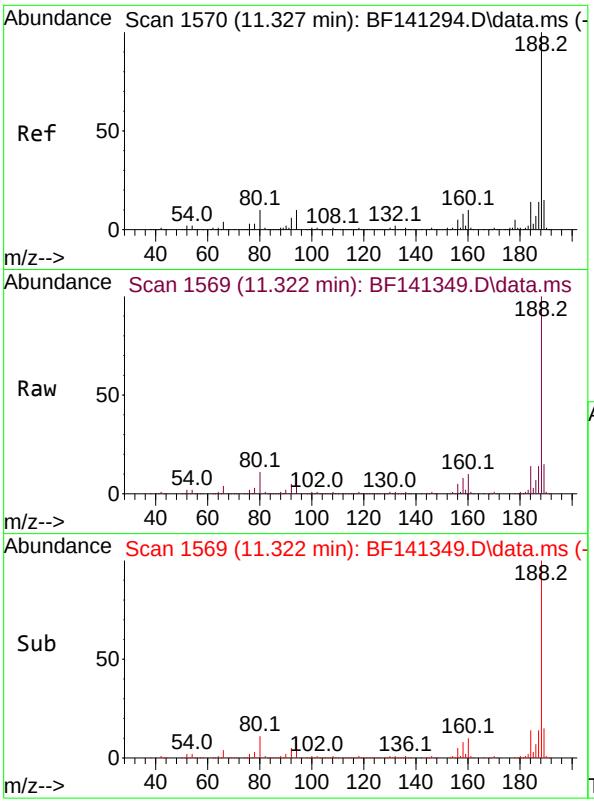


#63
Azobenzene
Concen: 2.222 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion: 77 Resp: 43760

Ion	Ratio	Lower	Upper
77	100		
182	76.0	5.1	45.1#
105	152.2	1.8	41.8#
51	45.8	14.0	54.0



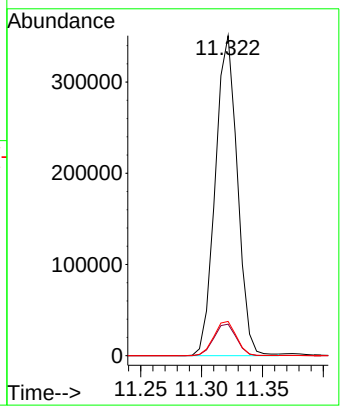


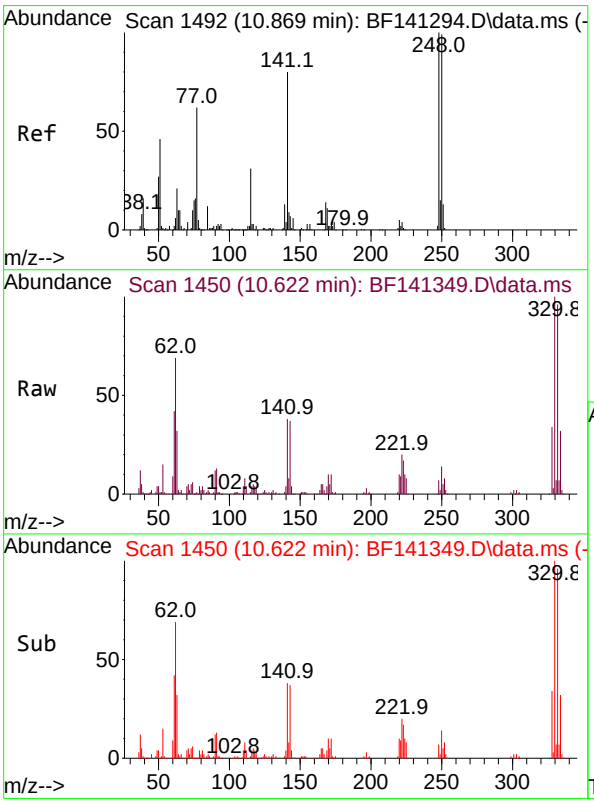
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion:188 Resp: 443291

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.7	8.2	12.4

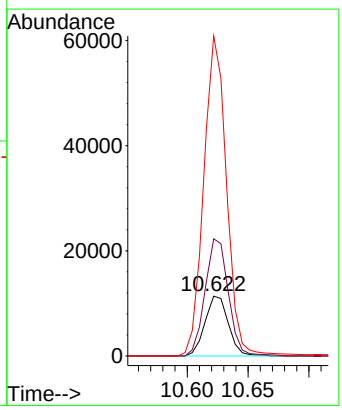


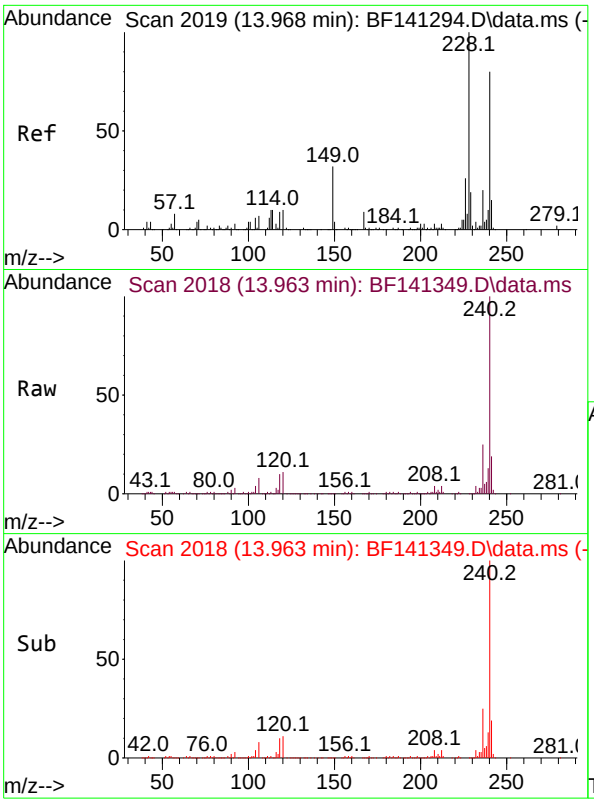


#67
4-Bromophenyl-phenylether
Concen: 3.071 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion:248 Resp: 15240

Ion	Ratio	Lower	Upper
248	100		
250	195.7	79.0	118.4#
141	534.6	63.7	95.5#



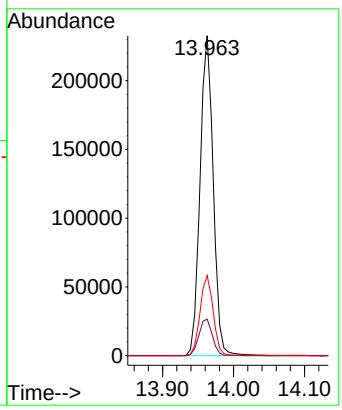


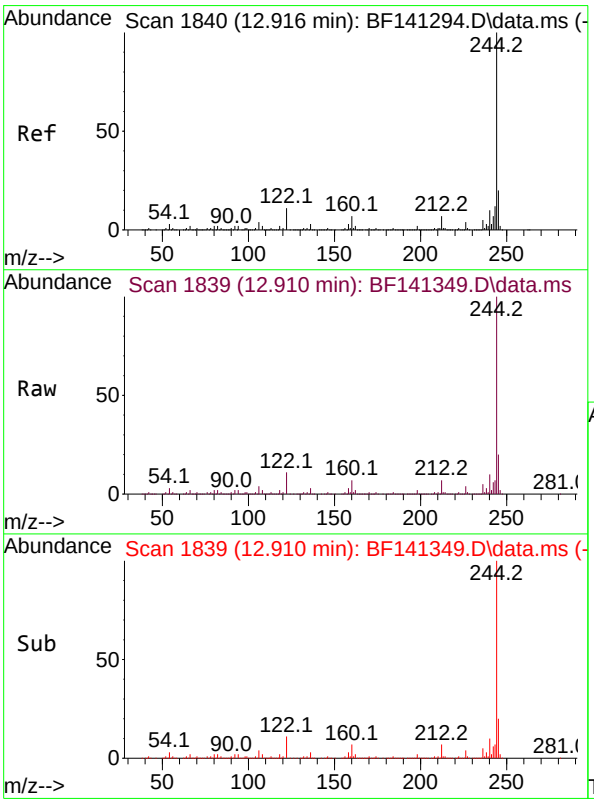
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion:240 Resp: 300964

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.0	15.0
236	25.1	19.7	29.5

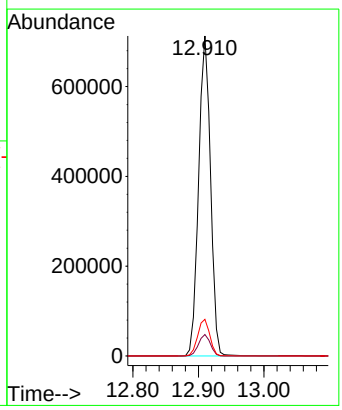


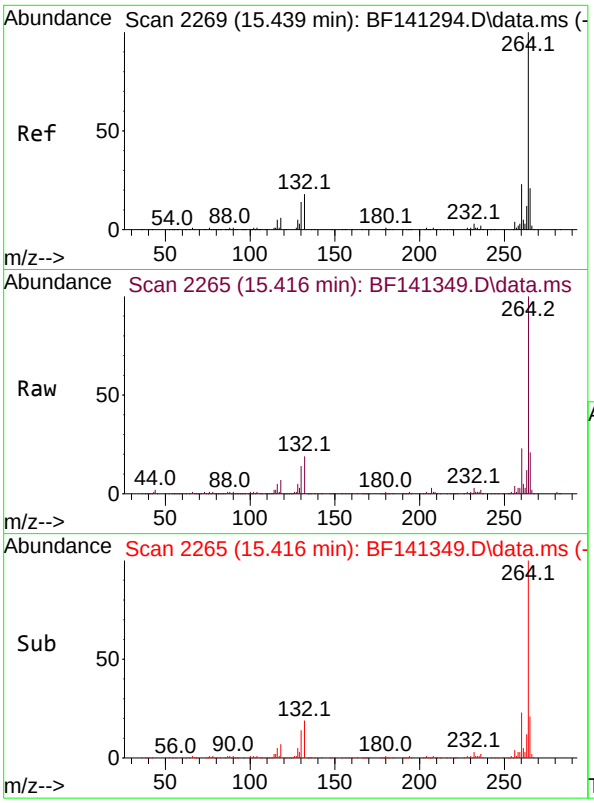


#79
Terphenyl-d14
Concen: 46.212 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141349.D
Acq: 31 Jan 2025 23:10

Tgt Ion:244 Resp: 901846

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.5	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: BF141349.D
Acq: 31 Jan 2025 23:10

Instrument :
BNA_F
ClientSampleId :
B-110-SB01

Tgt Ion:264 Resp: 270058

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.2	16.7	25.1