Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
Data File : BF144153.D
Acq On : 30 Oct 2025 21:36
Operator : RC/JU
Sample : Q3488-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Quant Time: Oct 31 01:02:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	59484	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	221189	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	111825	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	156904	20.000	ng	0.00
76) Chrysene-d12	14.051	240	166602	20.000	ng	0.00
86) Perylene-d12	15.539	264	209021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	150165	39.940	ng	0.00
7) Phenol-d6	6.498	99	257094	61.916	ng	0.00
23) Nitrobenzene-d5	7.434	82	187891	46.539	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	37736	26.492	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	415562	52.295	ng	0.00
79) Terphenyl-d14	12.992	244	407224	42.732	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	27311	10.171	ng	# 72
25) Isophorone	7.434	82	187888	26.619	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	14689	10.137	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	14689	7.511	ng	# 25
63) Azobenzene	10.628	77	14295	2.191	ng	# 1

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

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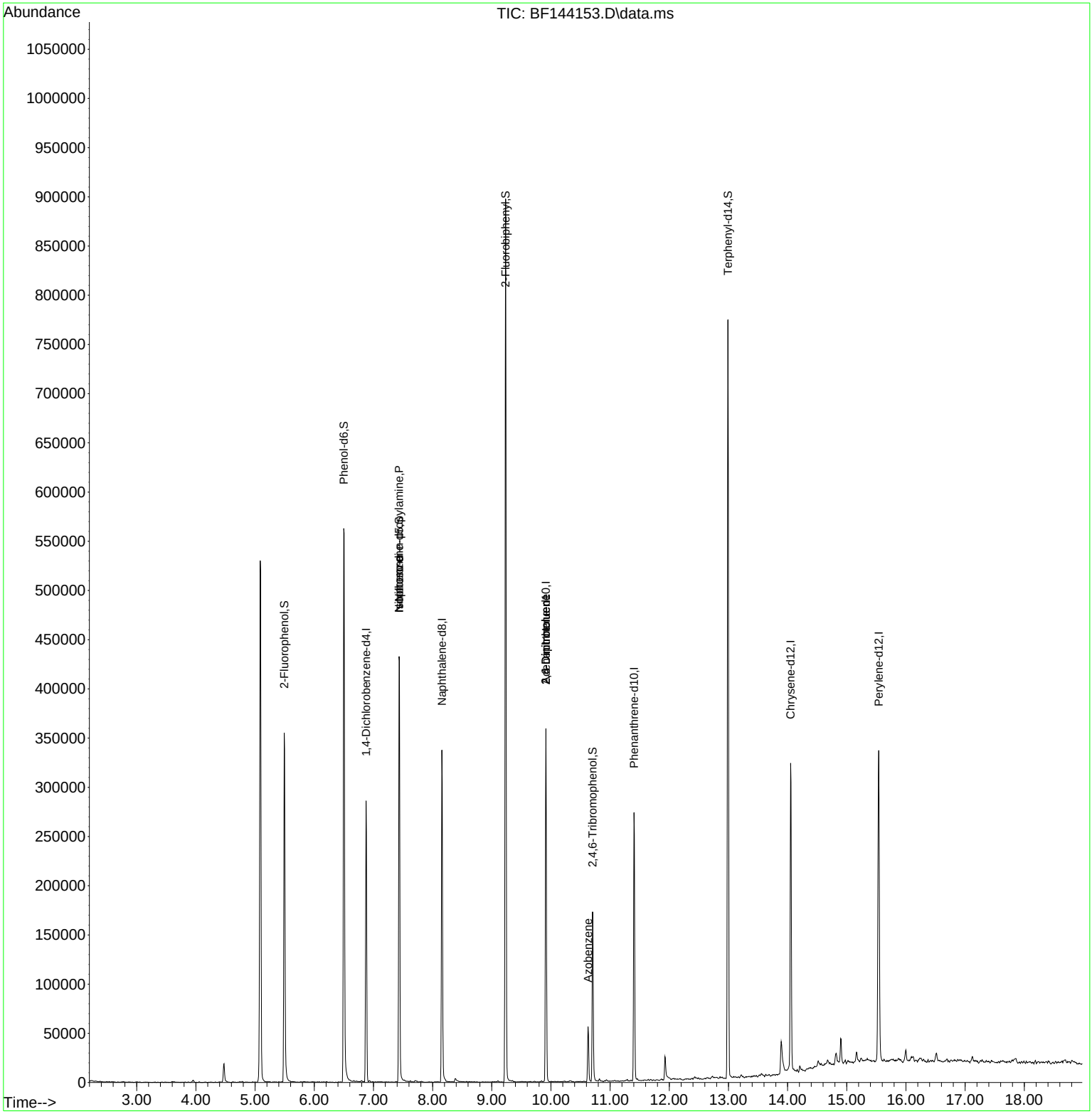
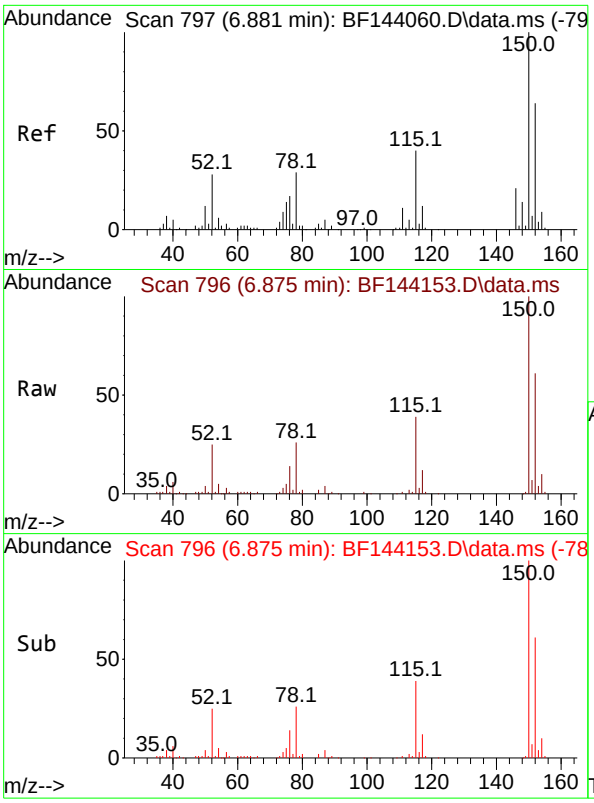


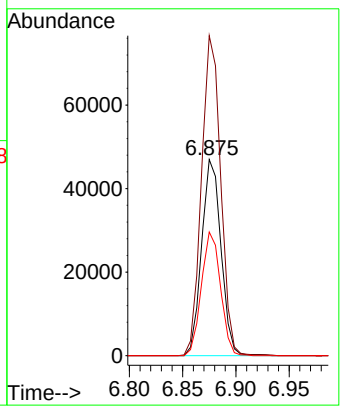


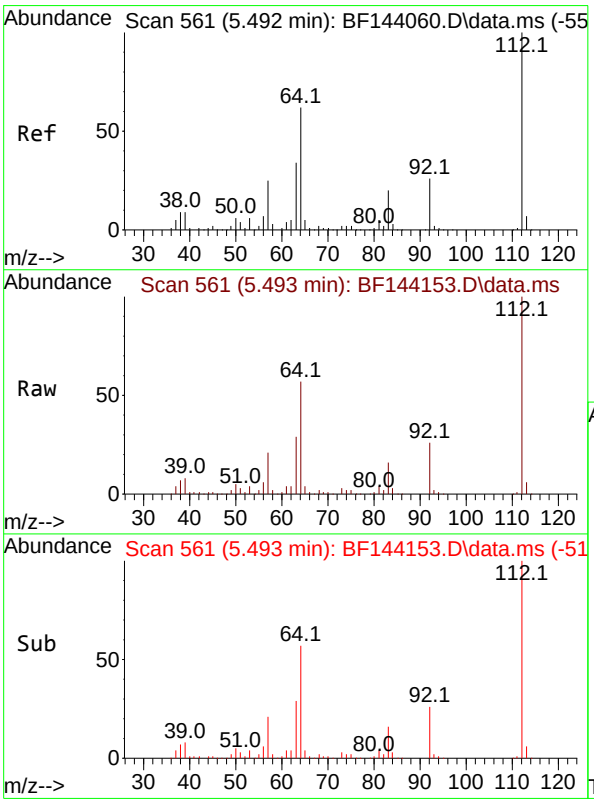
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion:152 Resp: 59484

Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.4	186.6
115	63.1	49.4	74.0

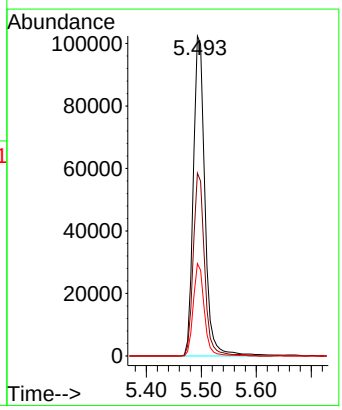


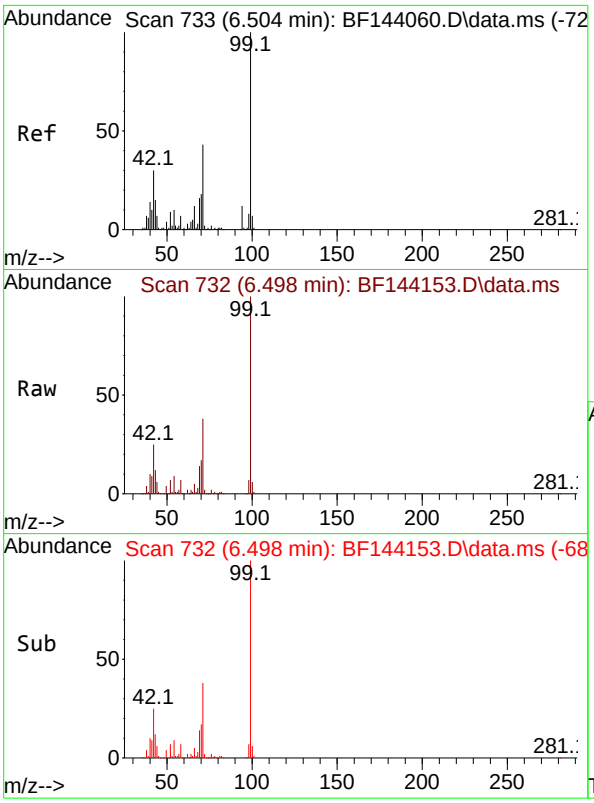


#5
2-Fluorophenol
Concen: 39.940 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Tgt Ion:112 Resp: 150165

Ion	Ratio	Lower	Upper
112	100		
64	57.2	49.8	74.8
63	28.8	27.4	41.2



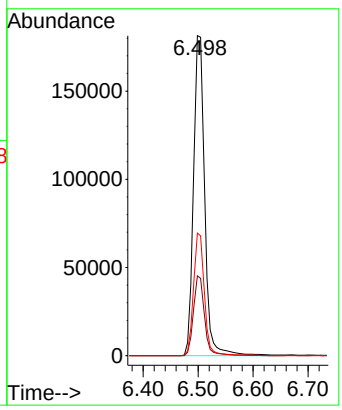


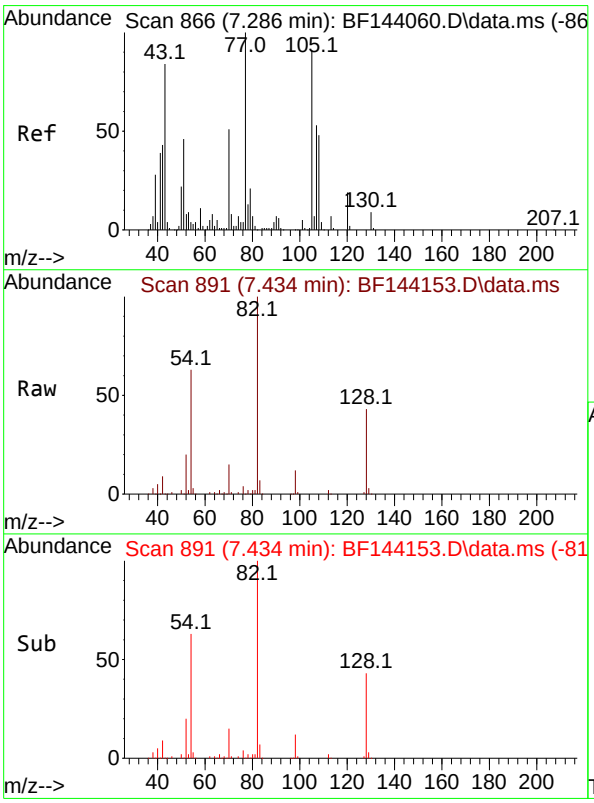
#7
Phenol-d6
Concen: 61.916 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion: 99 Resp: 257094

Ion	Ratio	Lower	Upper
99	100		
42	25.0	23.9	35.9
71	38.3	34.4	51.6

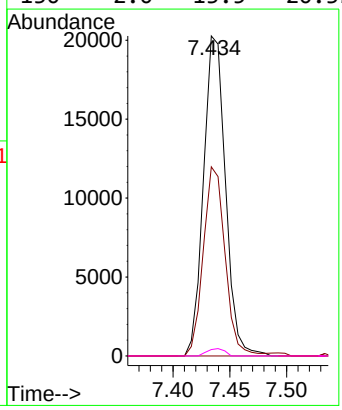


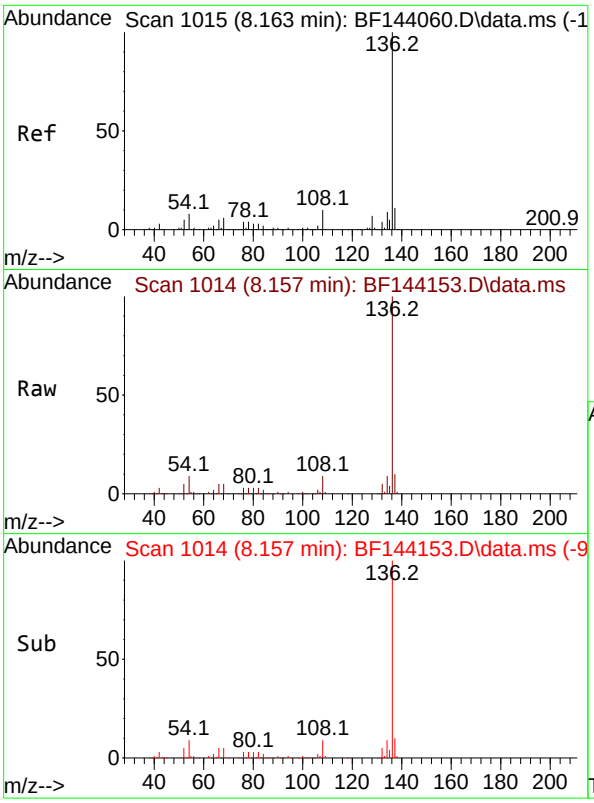


#19
n-Nitroso-di-n-propylamine
Concen: 10.171 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Tgt Ion: 70 Resp: 27311

Ion	Ratio	Lower	Upper
70	100		
42	59.1	67.4	101.0#
101	0.0	7.1	10.7#
130	2.0	13.5	20.3#



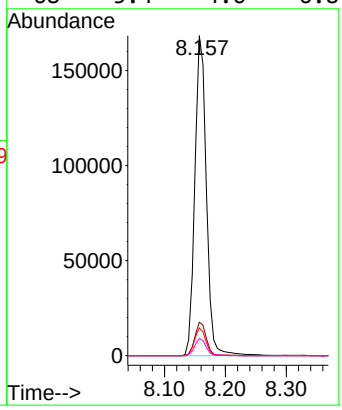


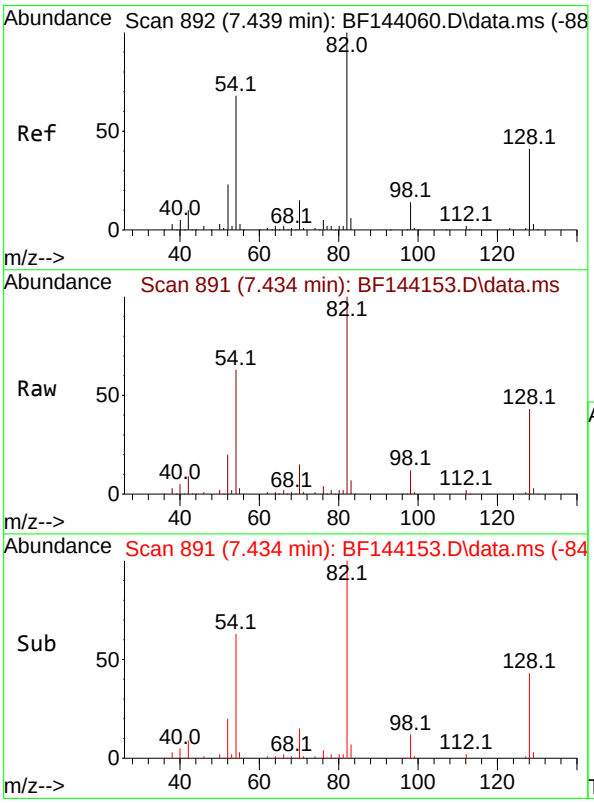
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion:136 Resp: 221189

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.7	6.6	9.8
68	5.4	4.6	6.8

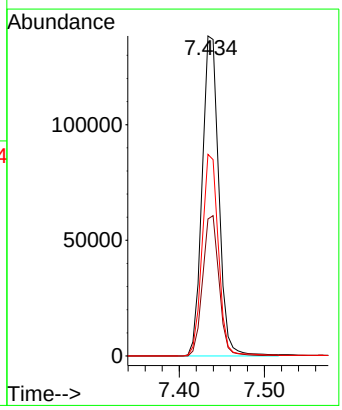


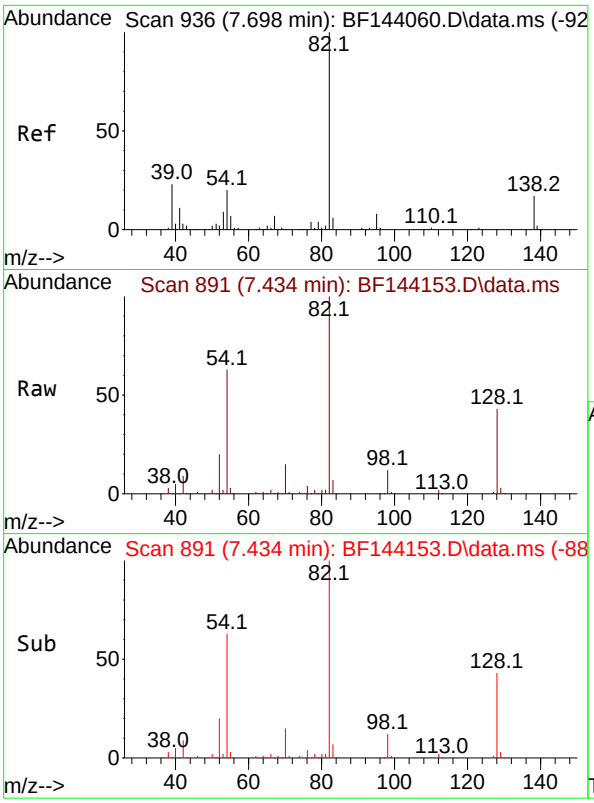


#23
Nitrobenzene-d5
Concen: 46.539 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Tgt Ion: 82 Resp: 187891

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.4	48.6
54	63.0	54.0	81.0



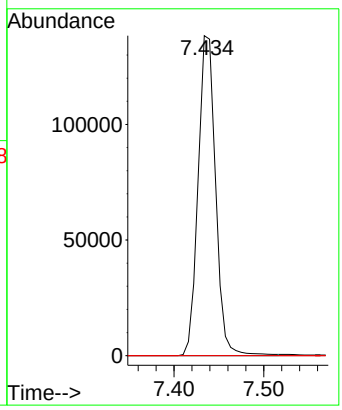


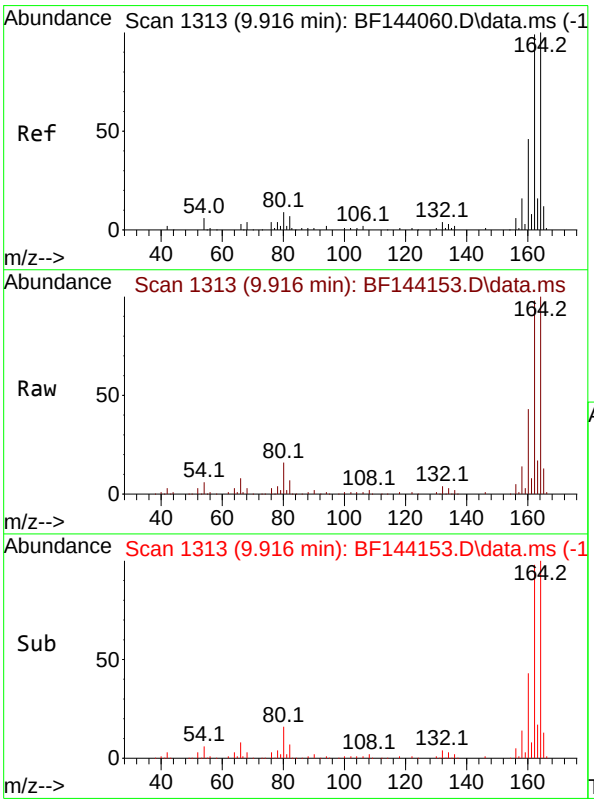
#25
Isophorone
Concen: 26.619 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.264 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion: 82 Resp: 187888

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	13.8	20.8#

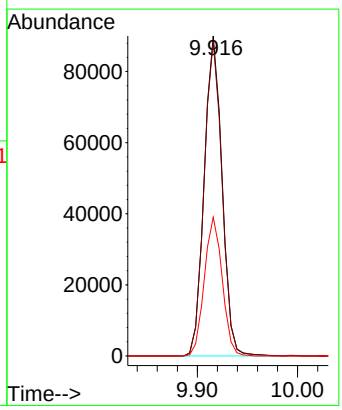


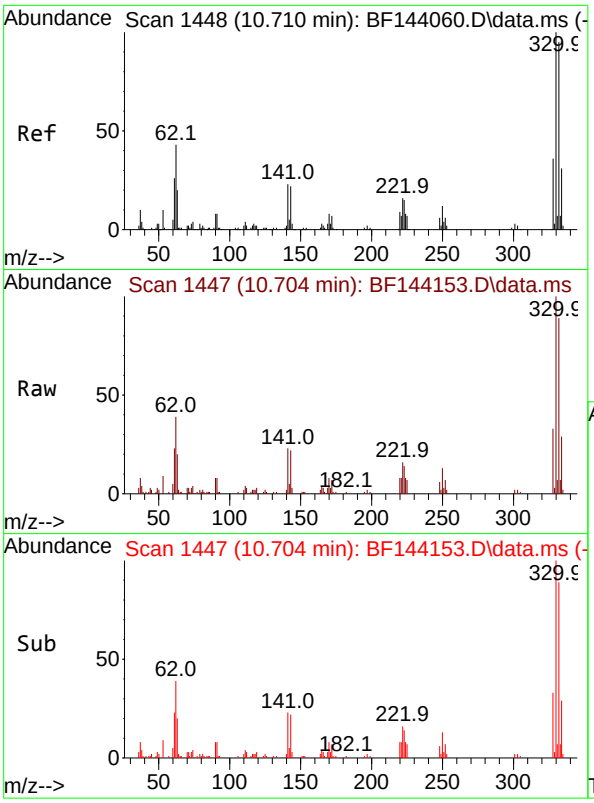


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Tgt Ion:164 Resp: 111825

Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.4	119.2
160	43.4	36.7	55.1



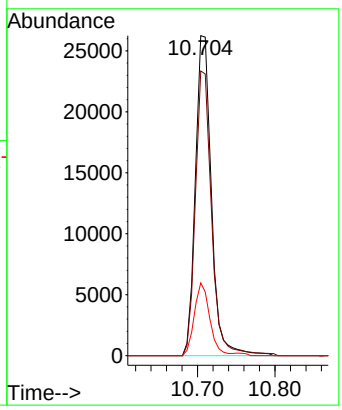


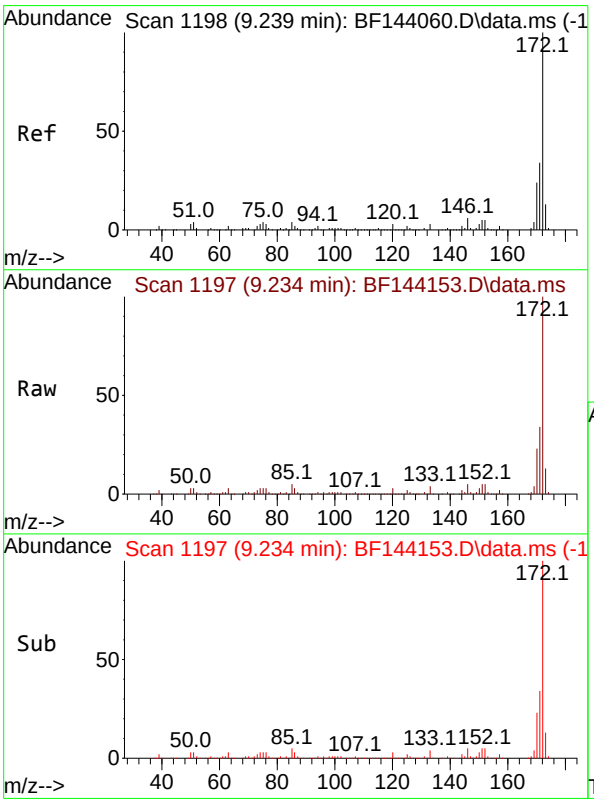
#42
2,4,6-Tribromophenol
Concen: 26.492 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion:330 Resp: 37736

Ion	Ratio	Lower	Upper
330	100		
332	89.8	77.0	115.6
141	22.0	19.4	29.0

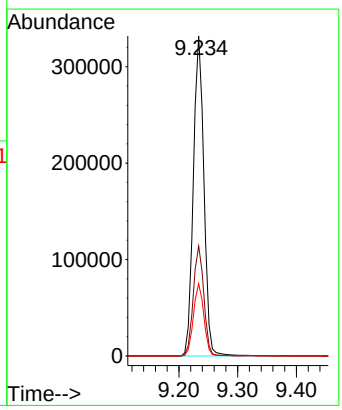


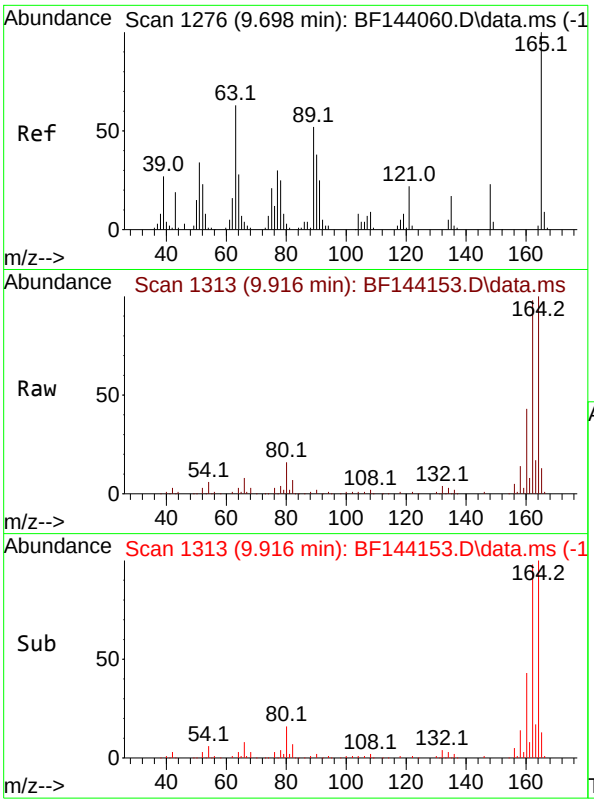


#45
2-Fluorobiphenyl
Concen: 52.295 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Tgt Ion:172 Resp: 415562

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.5	41.3
170	22.6	19.0	28.6



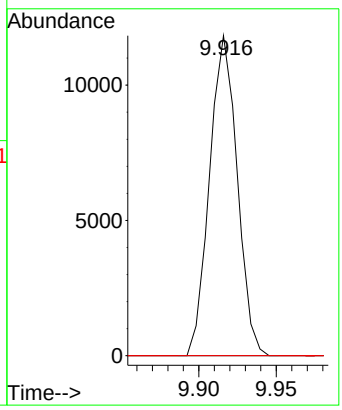


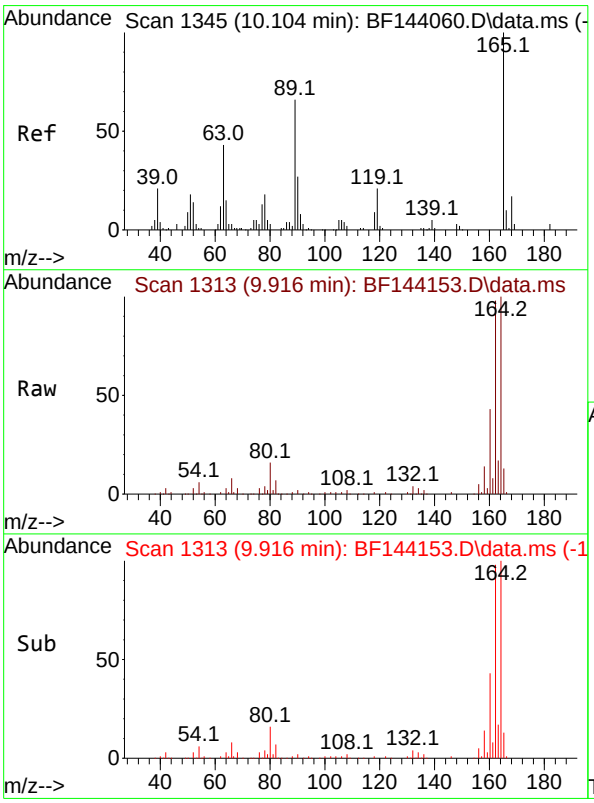
#51
2,6-Dinitrotoluene
Concen: 10.137 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.218 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion:165 Resp: 14689

Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.4	75.6#
89	0.0	41.4	62.2#

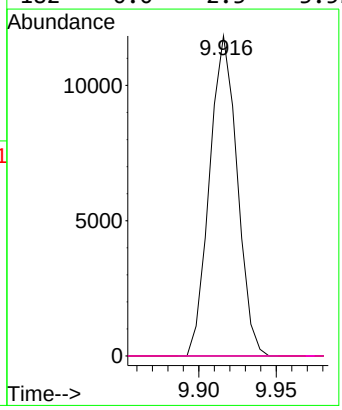


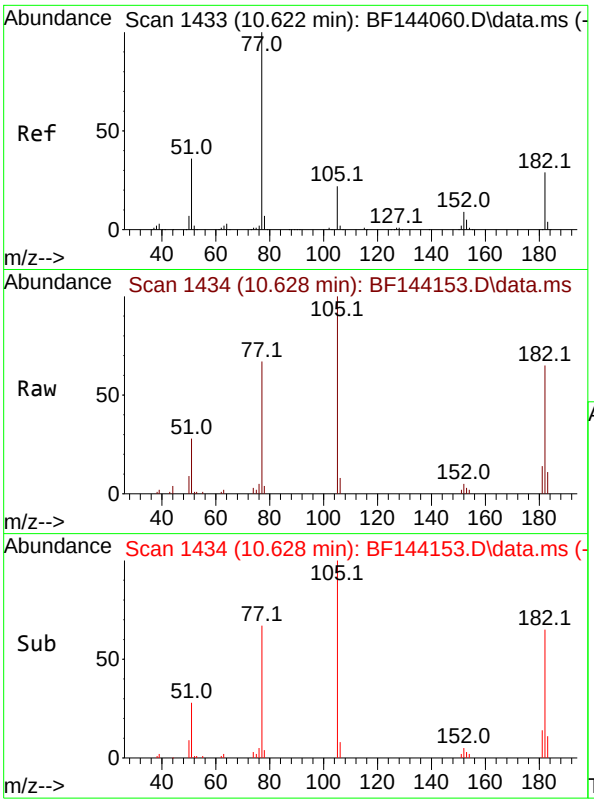


#57
2,4-Dinitrotoluene
Concen: 7.511 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Tgt Ion:165 Resp: 14689

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.4	53.2#
89	0.0	52.7	79.1#
182	0.0	2.3	3.5#



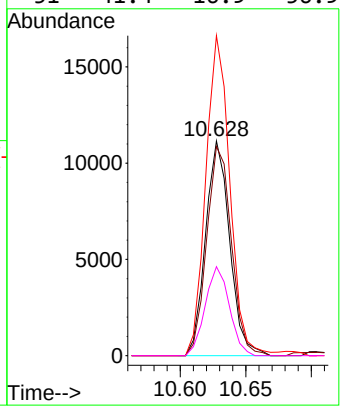


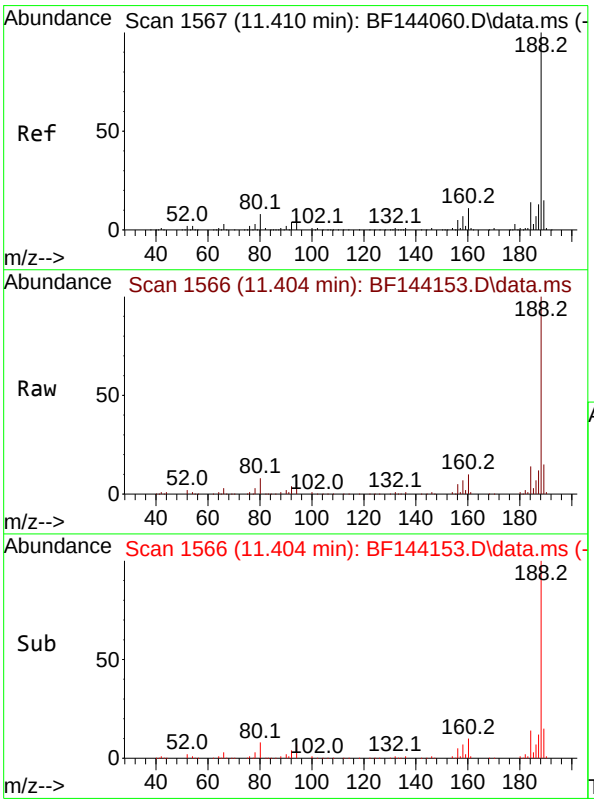
#63
Azobenzene
Concen: 2.191 ng
RT: 10.628 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion: 77 Resp: 14295

Ion	Ratio	Lower	Upper
77	100		
182	97.5	9.0	49.0#
105	149.0	1.4	41.4#
51	41.4	16.9	56.9

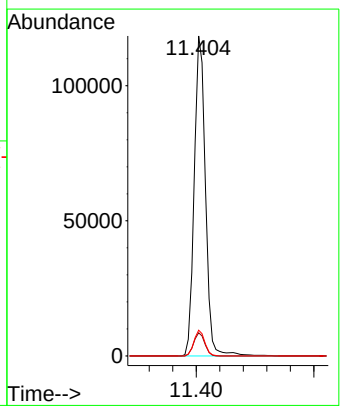


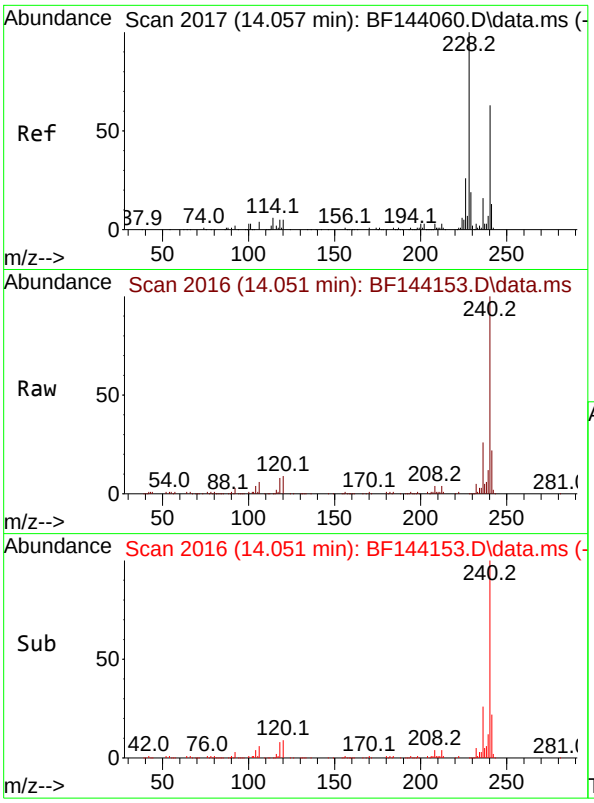


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Tgt Ion:188 Resp: 156904

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.4	8.0
80	8.1	6.0	9.0



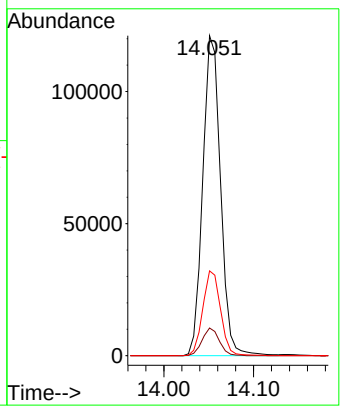


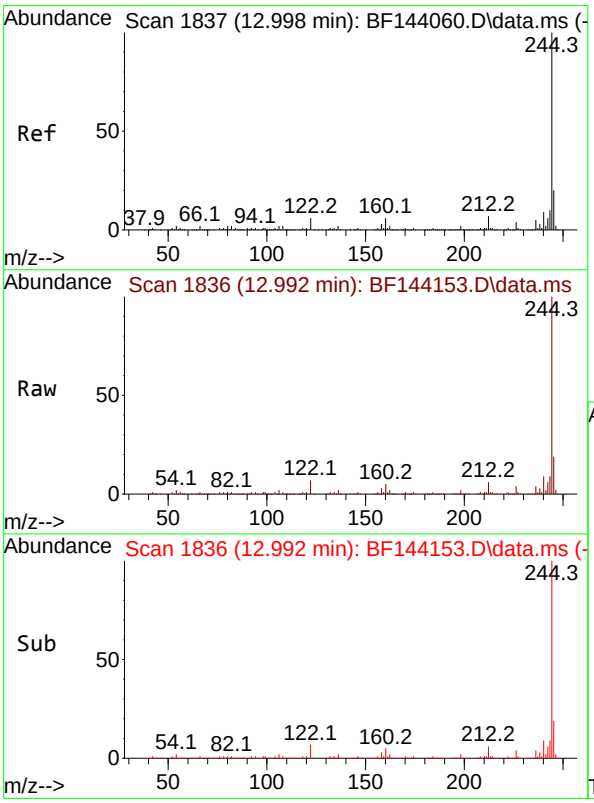
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion:240 Resp: 166602

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.5	9.7
236	26.5	20.1	30.1

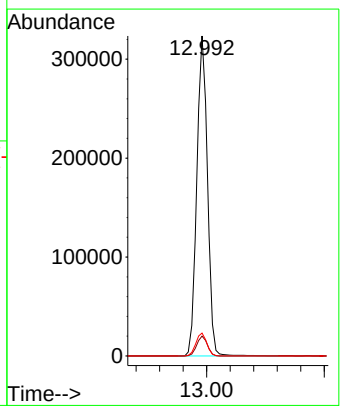


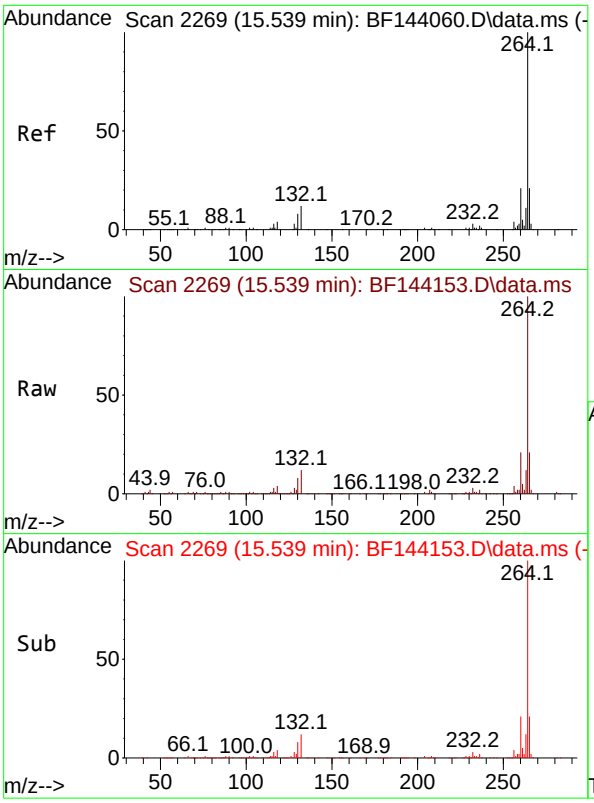


#79
Terphenyl-d14
Concen: 42.732 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Tgt Ion:244 Resp: 407224

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.6
122	7.2	4.9	7.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF144153.D
Acq: 30 Oct 2025 21:36

Instrument :
BNA_F
ClientSampleId :
MOO-25-0294-0298

Tgt Ion:264 Resp: 209021

Ion	Ratio	Lower	Upper
264	100		
260	21.3	17.0	25.4
265	21.5	16.6	24.8