Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144390.D
Acq On : 01 Dec 2025 16:44
Operator : RC/JU
Sample : Q3732-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 17:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	49954	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	185185	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	91919	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	147190	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	136696	20.000	ng	0.00
86) Perylene-d12	15.527	264	131923	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	257152	80.556	ng	0.00
7) Phenol-d6	6.492	99	280233	77.476	ng	0.00
23) Nitrobenzene-d5	7.422	82	168587	52.578	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	75040	65.055	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	335455	53.900	ng	-0.01
79) Terphenyl-d14	12.980	244	323116	37.546	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	24529	10.302	ng	# 78
25) Isophorone	7.422	82	168586	27.797	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	11198	9.084	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	11198	6.786	ng	# 27
63) Azobenzene	10.616	77	17524	3.354	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	3876	2.063	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
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Acq On : 01 Dec 2025 16:44
Operator : RC/JU
Sample : Q3732-01
Misc :
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Instrument :
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ClientSampleId :

Quant Time: Dec 01 17:19:43 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
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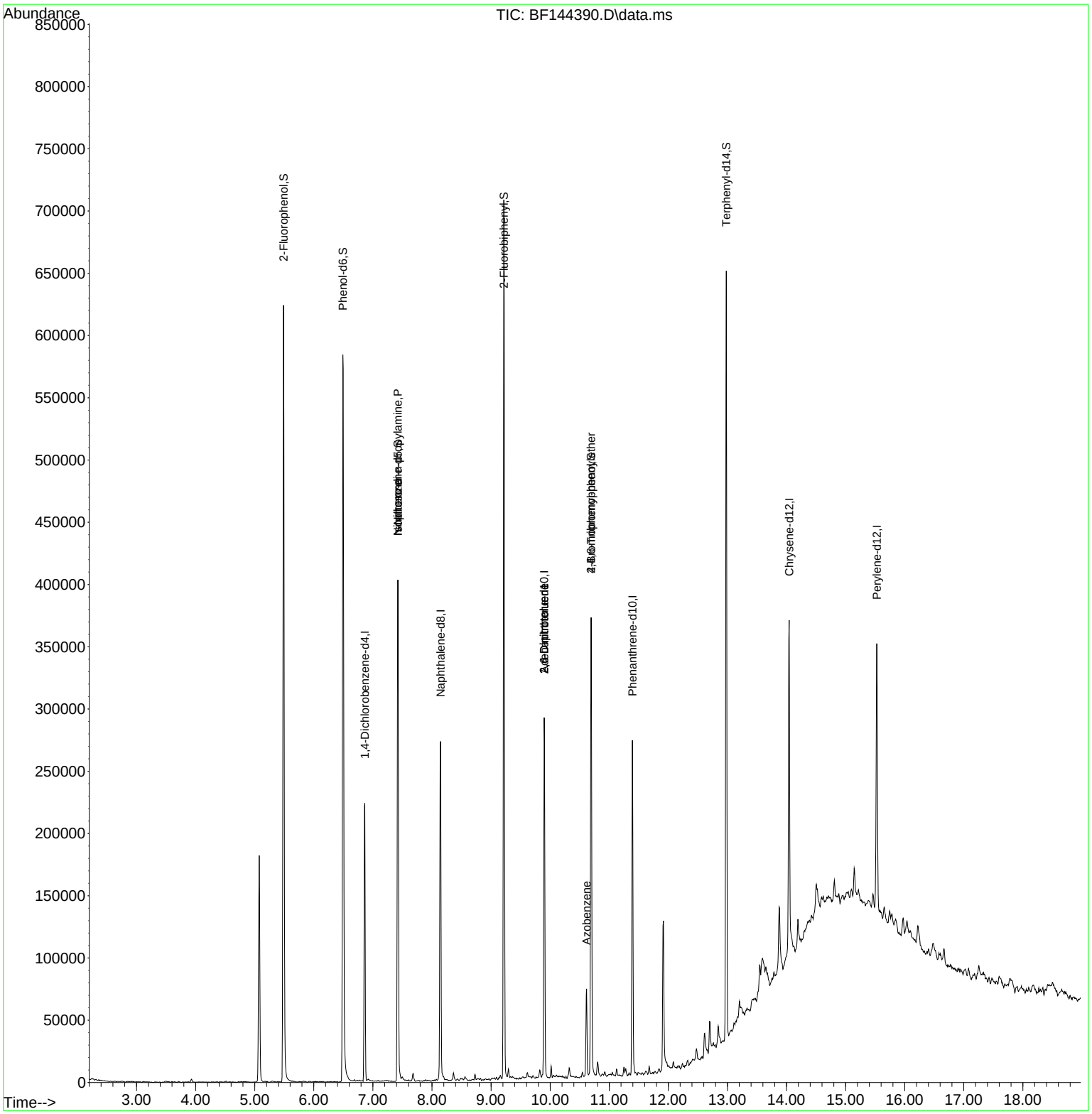
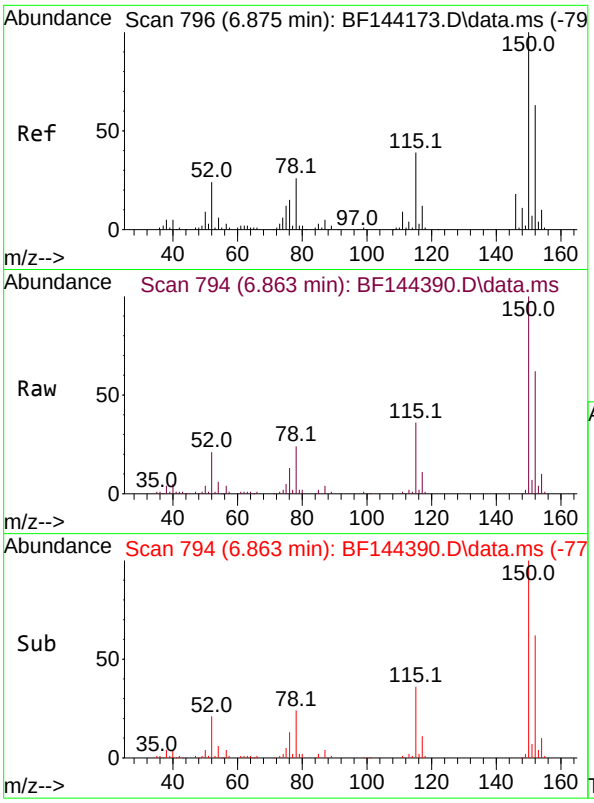


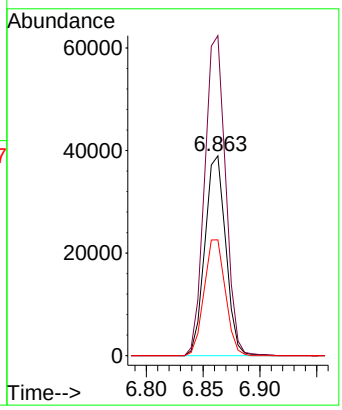


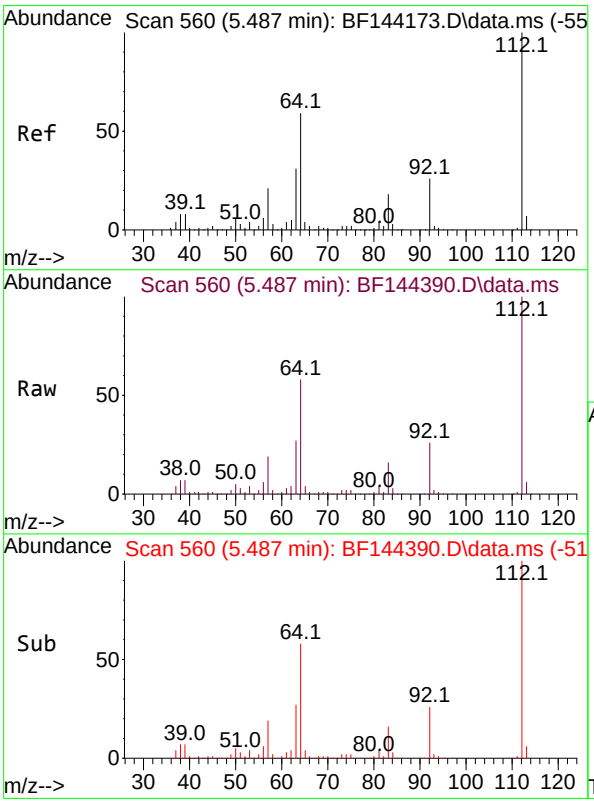
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 49954

Ion	Ratio	Lower	Upper
152	100		
150	160.2	127.4	191.0
115	58.0	49.5	74.3

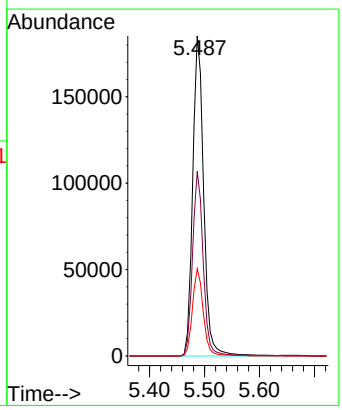


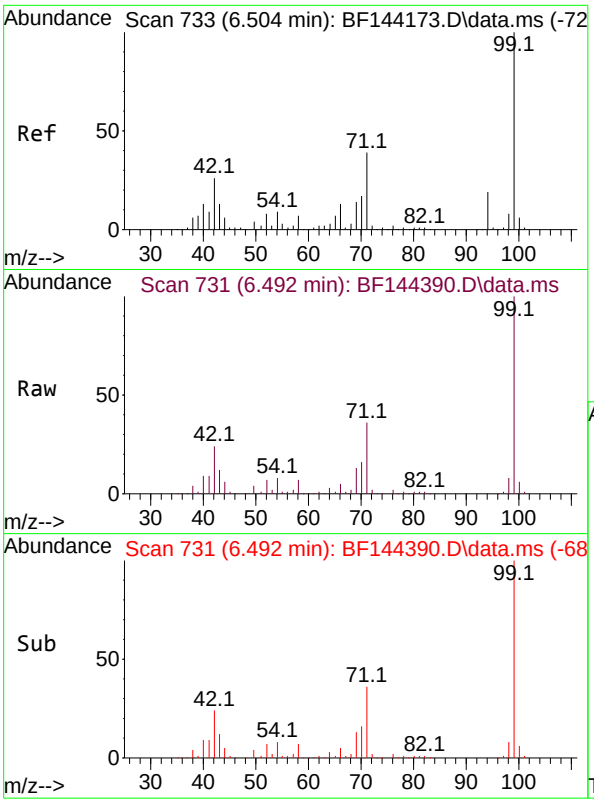


#5
2-Fluorophenol
Concen: 80.556 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion:112 Resp: 257152

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.2	70.8
63	27.2	24.4	36.6



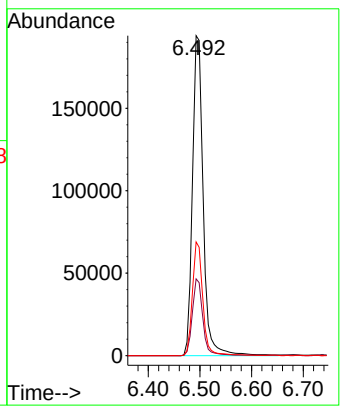


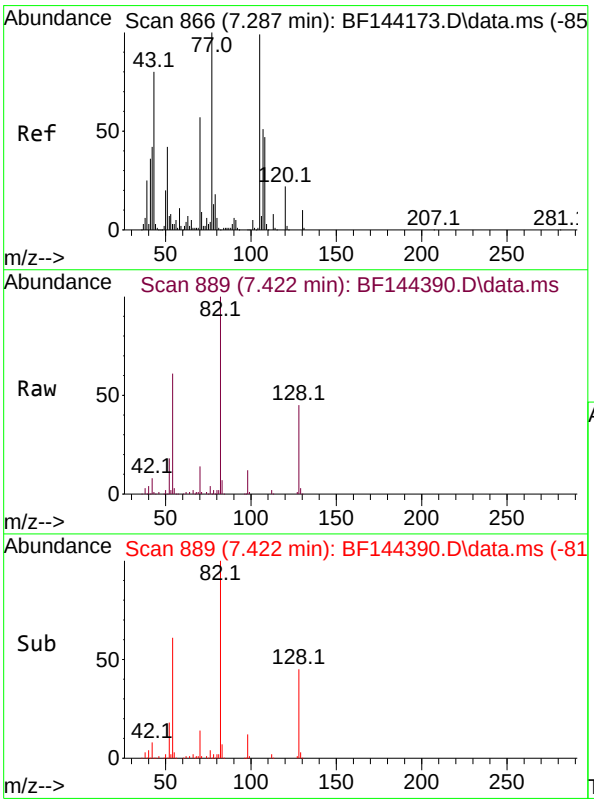
#7
Phenol-d6
Concen: 77.476 ng
RT: 6.492 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 280233

Ion	Ratio	Lower	Upper
99	100		
42	24.0	20.9	31.3
71	35.5	31.4	47.2

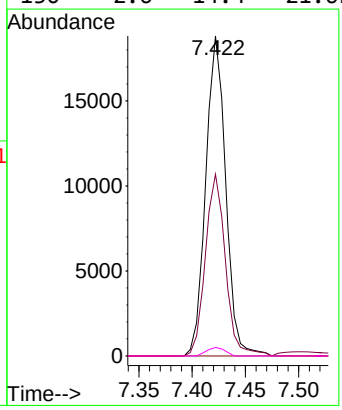


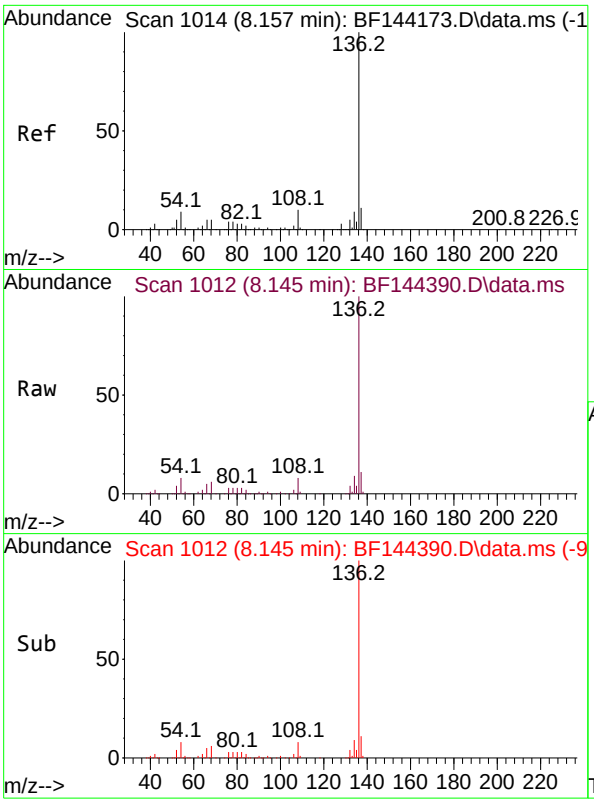


#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion: 70 Resp: 24529

Ion	Ratio	Lower	Upper
70	100		
42	56.8	58.3	87.5#
101	0.0	7.0	10.6#
130	2.6	14.4	21.6#



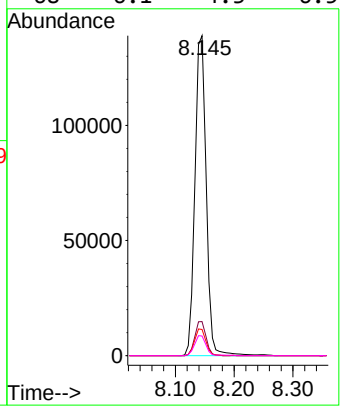


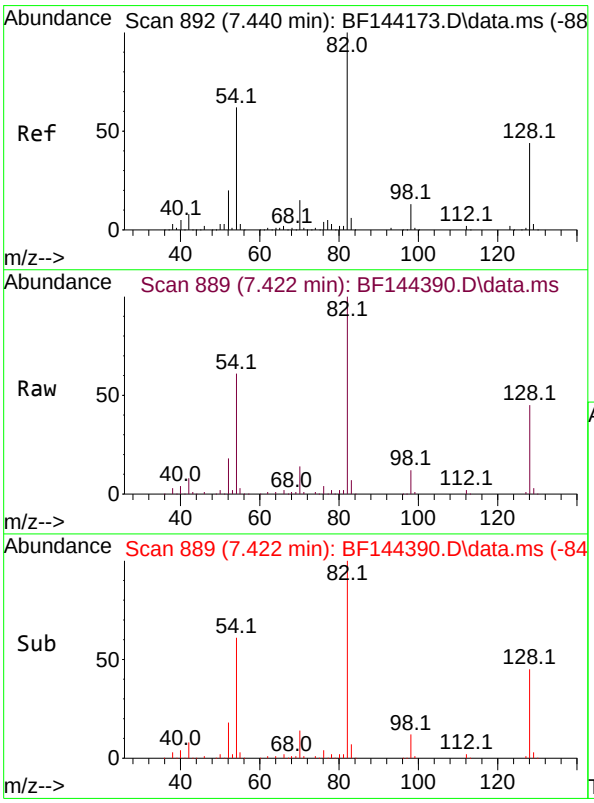
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 185185

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.2	7.0	10.6
68	6.1	4.3	6.5

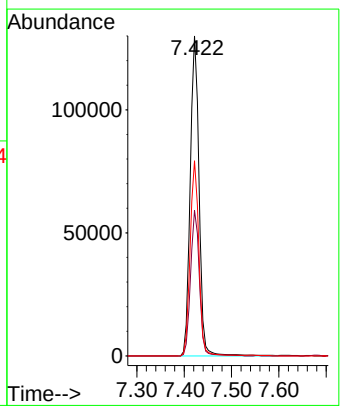


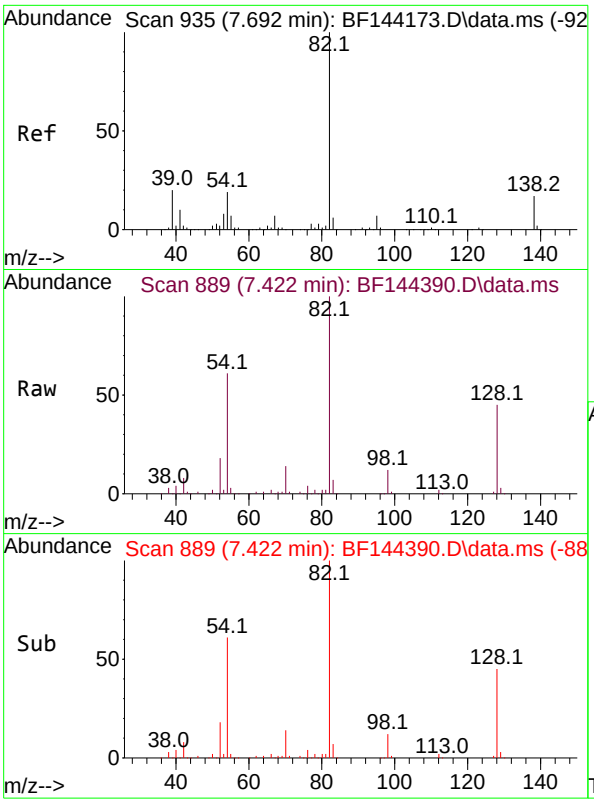


#23
Nitrobenzene-d5
Concen: 52.578 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion: 82 Resp: 168587

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.7	52.1
54	61.0	49.5	74.3



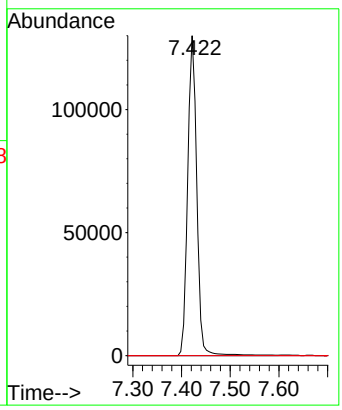


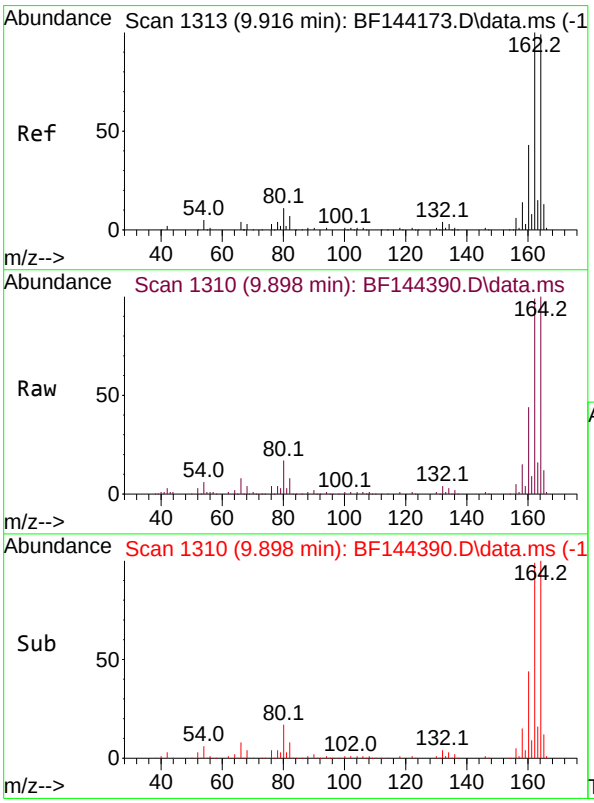
#25
Isophorone
Concen: 27.797 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 168586

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	13.7	20.5#

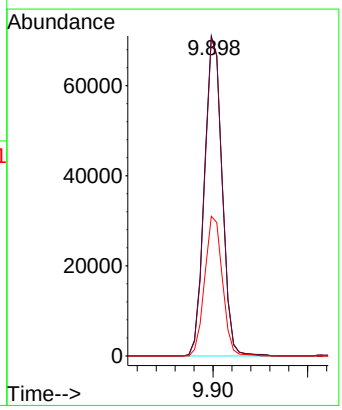


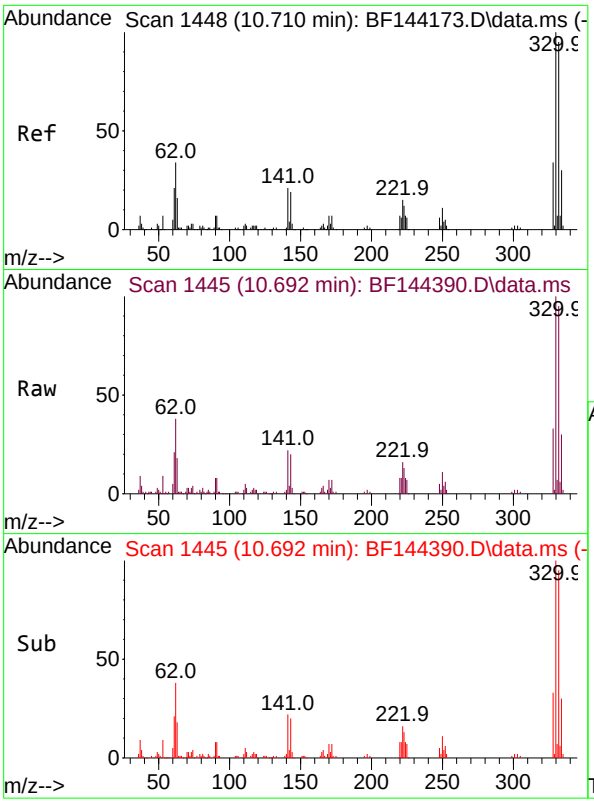


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion:164 Resp: 91919

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.1	121.7
160	43.6	34.5	51.7



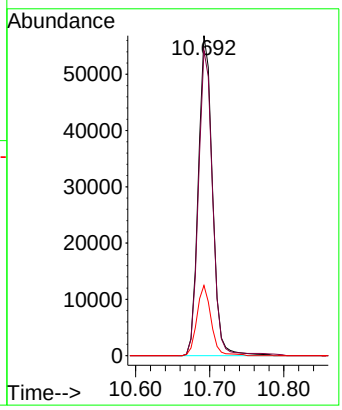


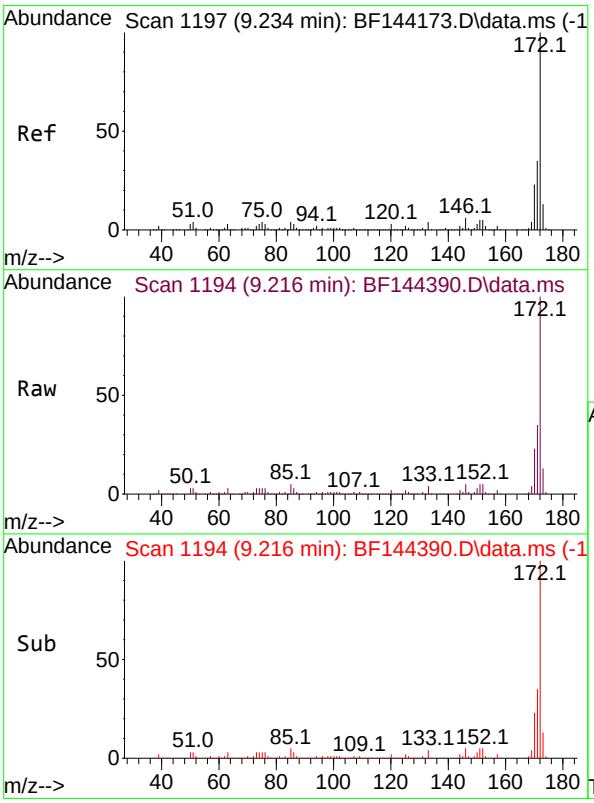
#42
2,4,6-Tribromophenol
Concen: 65.055 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 75040

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.7	115.1
141	22.1	17.8	26.8

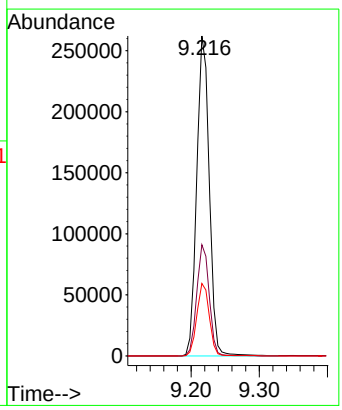


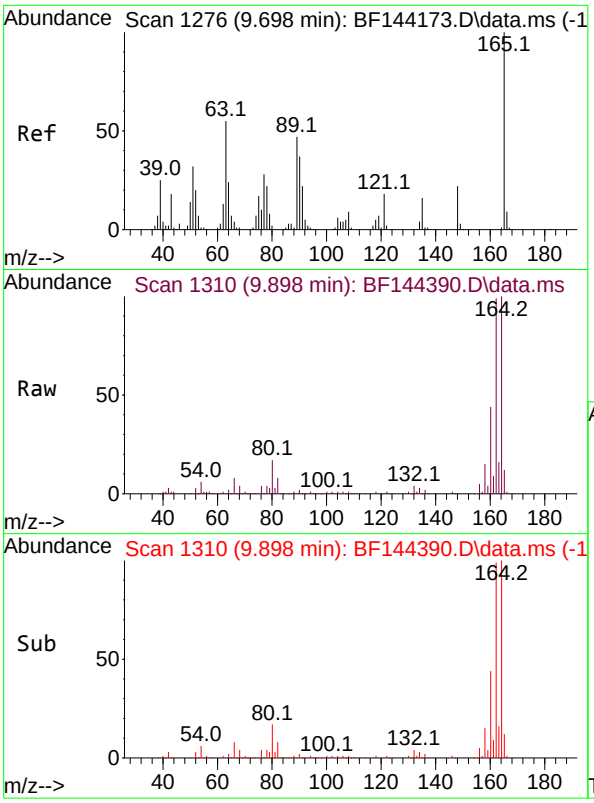


#45
2-Fluorobiphenyl
Concen: 53.900 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion:172 Resp: 335455

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	22.6	18.6	28.0



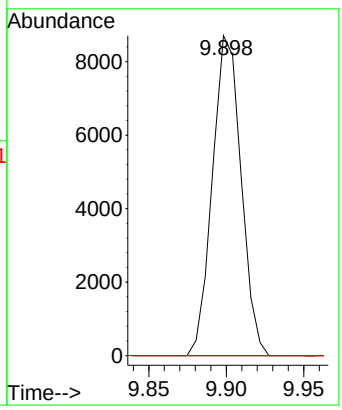


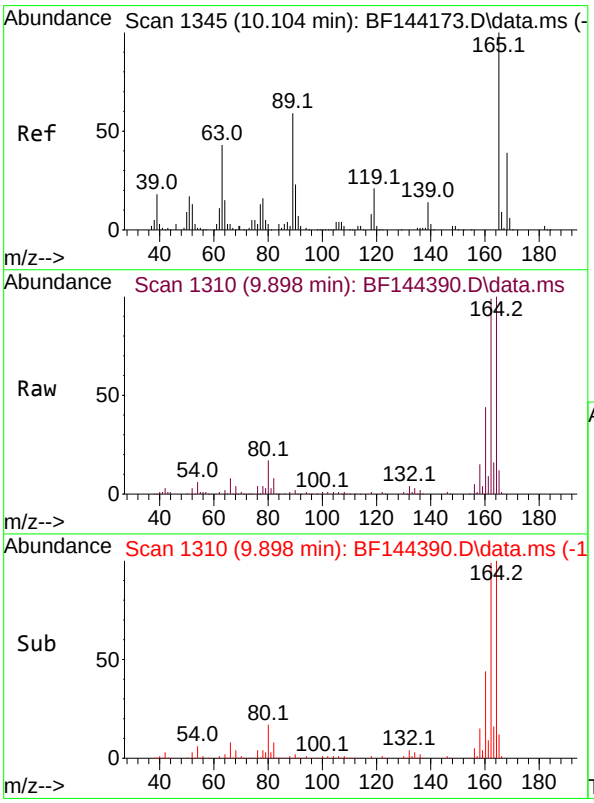
#51
2,6-Dinitrotoluene
Concen: 9.084 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11198

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	37.5	56.3#

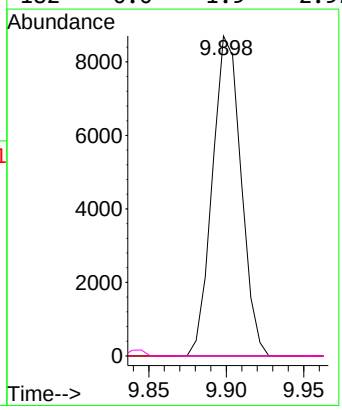


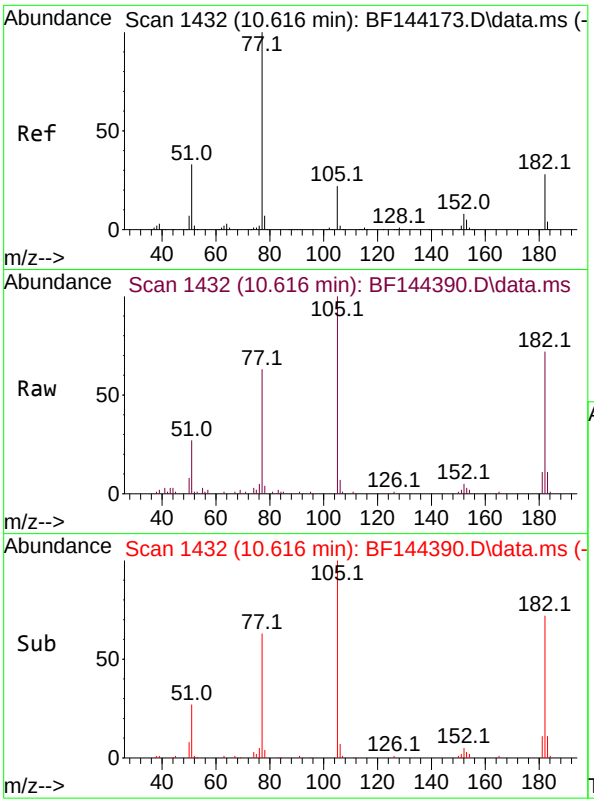


#57
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion:165 Resp: 11198

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.5	53.3#
89	0.0	47.4	71.2#
182	0.0	1.9	2.9#



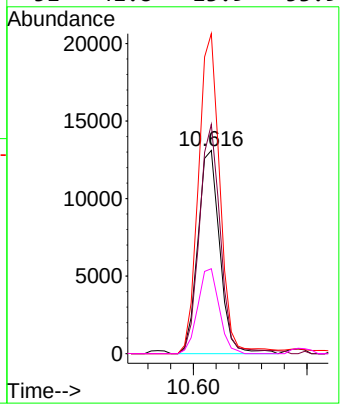


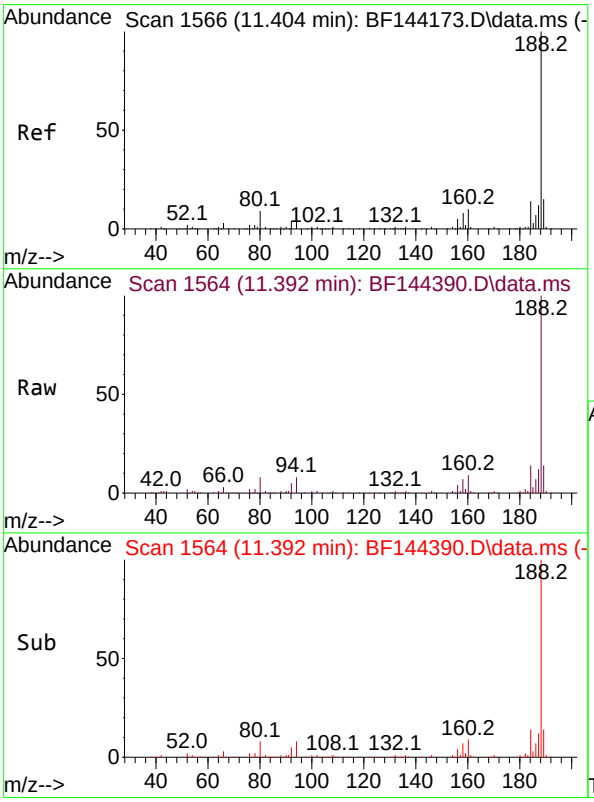
#63
Azobenzene
Concen: 3.354 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 17524

Ion	Ratio	Lower	Upper
77	100		
182	112.8	8.1	48.1#
105	157.5	2.0	42.0#
51	41.8	13.9	53.9

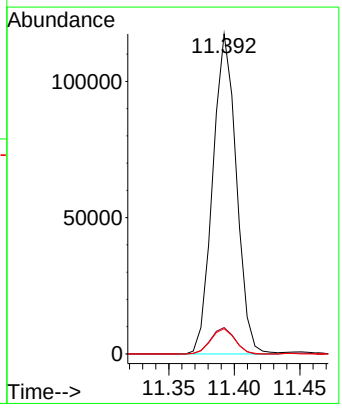


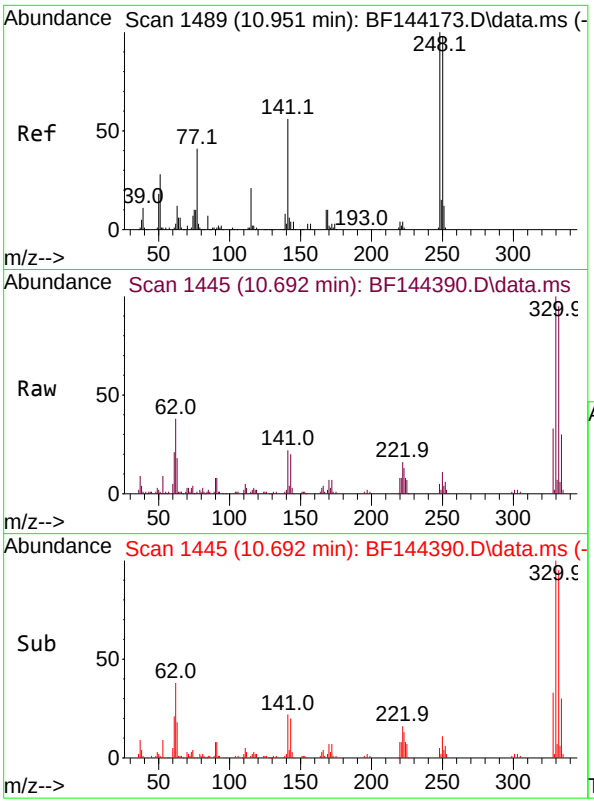


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion:188 Resp: 147190

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.2	9.2
80	7.9	6.9	10.3



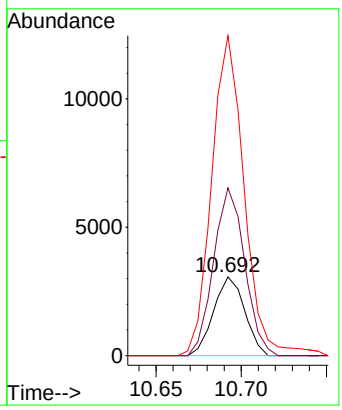


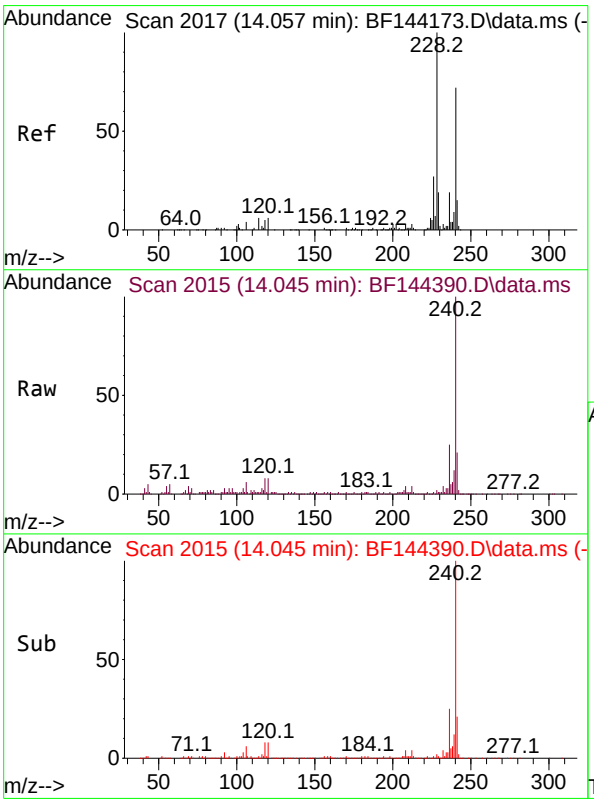
#67
4-Bromophenyl-phenylether
Concen: 2.063 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 3876

Ion	Ratio	Lower	Upper
248	100		
250	213.4	78.4	117.6#
141	407.1	45.1	67.7#

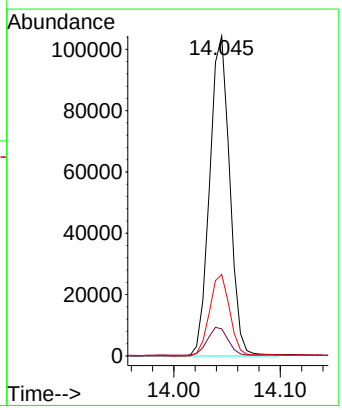


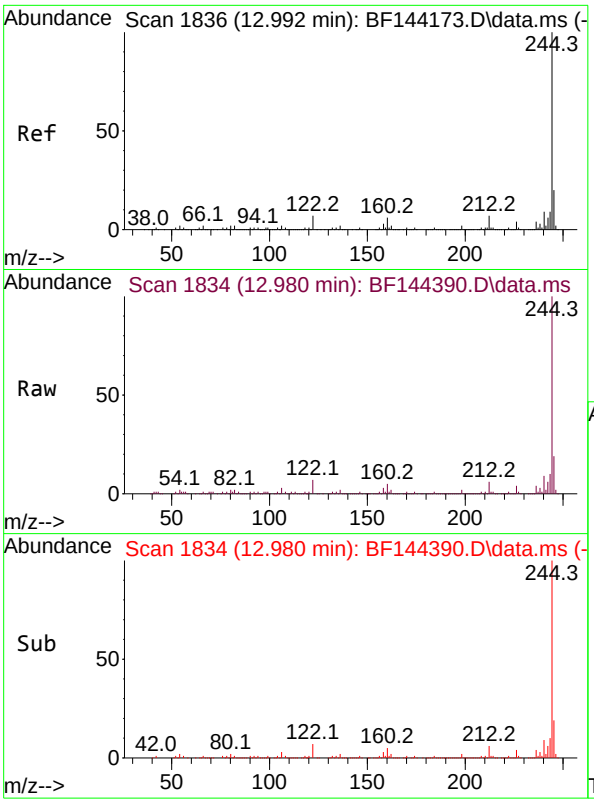


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion:240 Resp: 136696

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	25.4	21.4	32.2



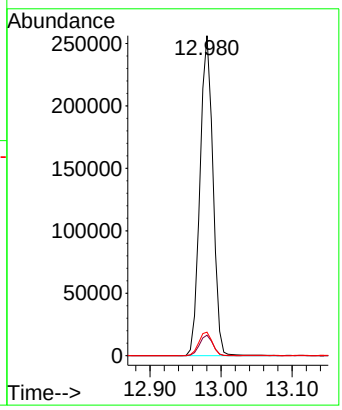


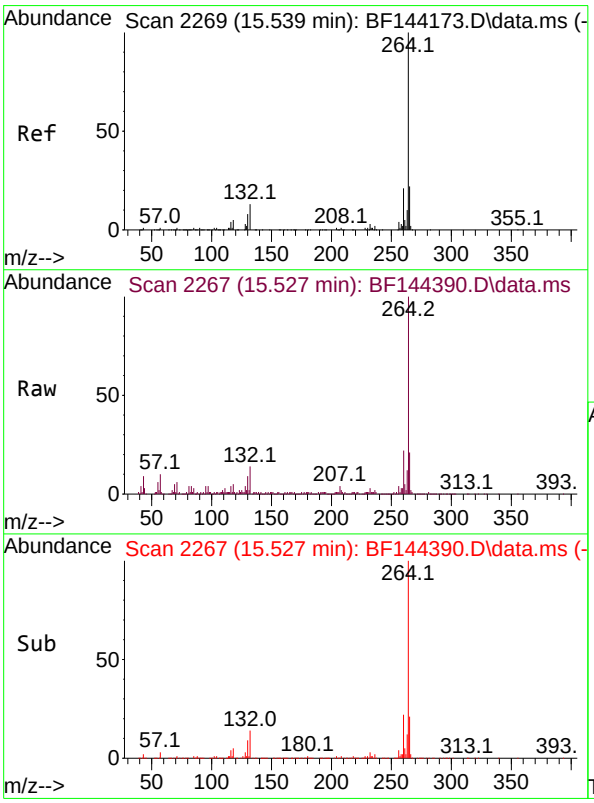
#79
Terphenyl-d14
Concen: 37.546 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 323116

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	7.3	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144390.D
Acq: 01 Dec 2025 16:44

Tgt Ion:264 Resp: 131923

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.1	25.7
265	21.2	17.4	26.0