Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143763.D
Acq On : 15 Sep 2025 20:55
Operator : RC/JU
Sample : Q3092-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
291376

Quant Time: Sep 16 01:10:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	16953	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	62637	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	34545	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	56729	20.000	ng	0.01
76) Chrysene-d12	14.063	240	40371	20.000	ng	0.02
86) Perylene-d12	15.545	264	26945	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	146678	147.616	ng	0.03
7) Phenol-d6	6.516	99	162698	134.476	ng	0.01
23) Nitrobenzene-d5	7.451	82	106895	106.150	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	57624	165.522	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	233546	102.127	ng	0.00
79) Terphenyl-d14	13.010	244	255438	102.535	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.357	88	3206	7.233	ng	# 51
19) n-Nitroso-di-n-propyla...	7.451	70	14030	18.882	ng	# 77
25) Isophorone	7.451	82	106598	55.204	ng	# 64
51) 2,6-Dinitrotoluene	9.928	165	4477	10.418	ng	# 27
57) 2,4-Dinitrotoluene	9.928	165	4477	7.655	ng	# 27
67) 4-Bromophenyl-phenylether	10.722	248	3680	5.379	ng	# 1
77) Benzidine	13.010	184	2728	2.072	ng	# 89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
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Sample : Q3092-02
Misc :
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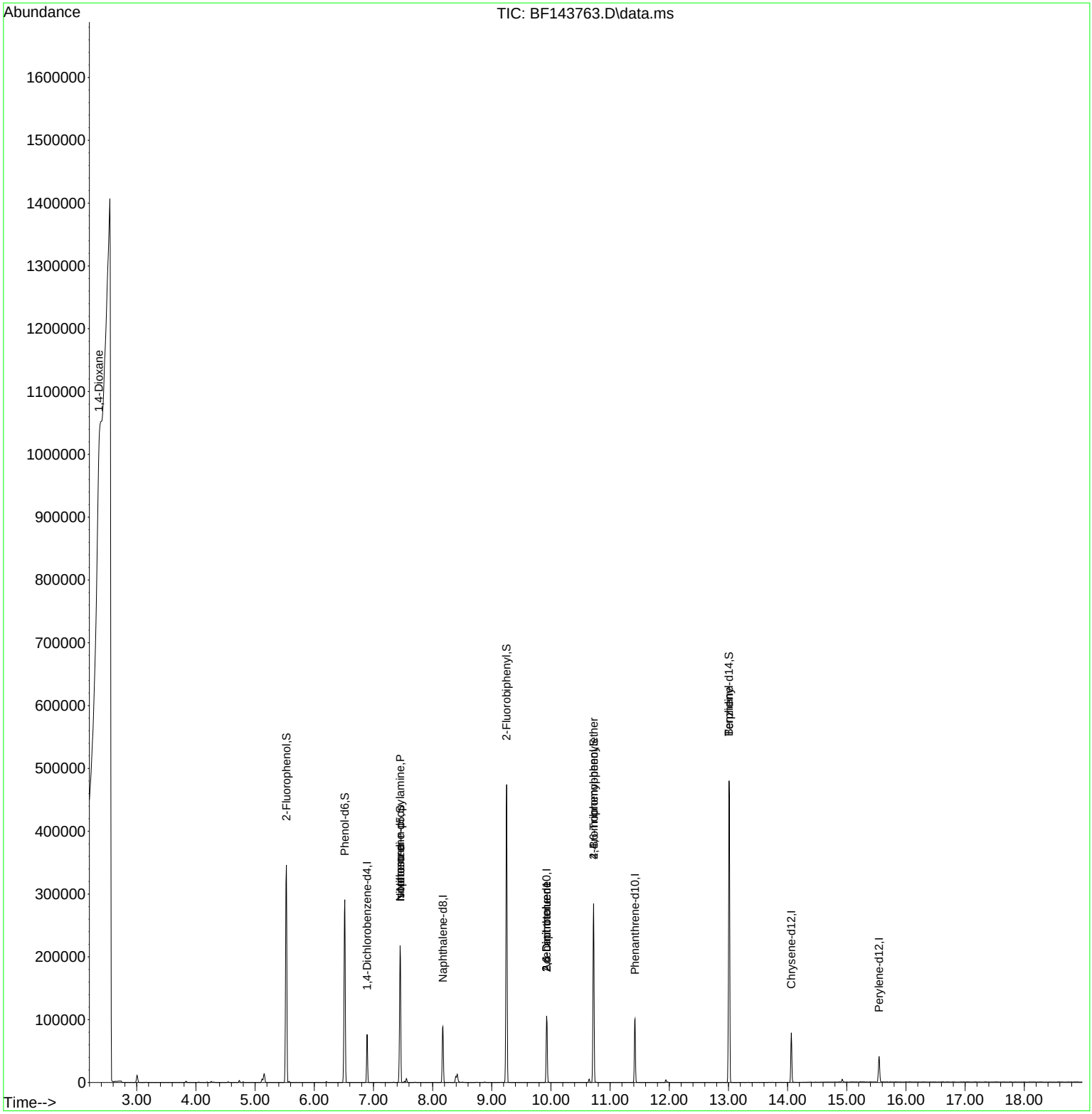
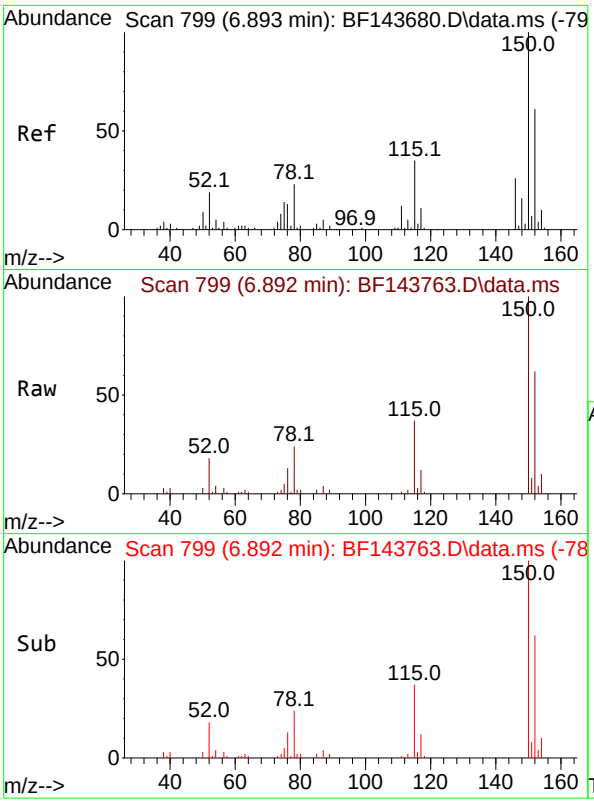
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration



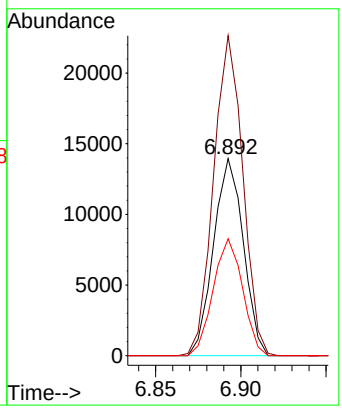


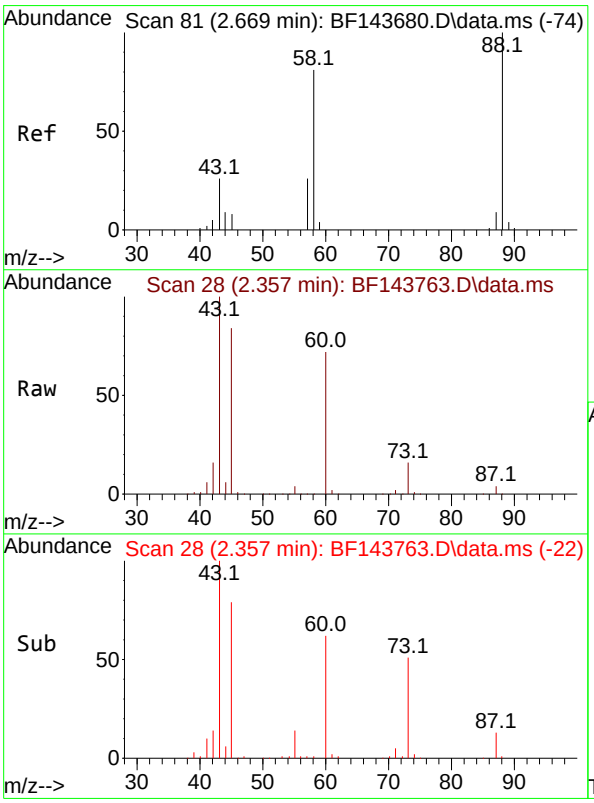
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:152 Resp: 16953

Ion	Ratio	Lower	Upper
152	100		
150	162.3	130.7	196.1
115	59.4	45.9	68.9

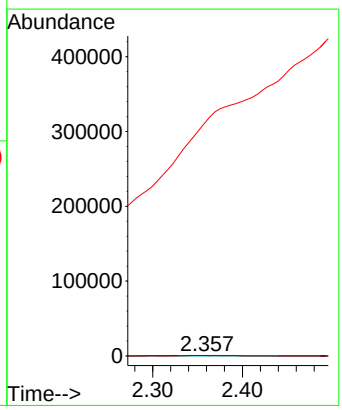


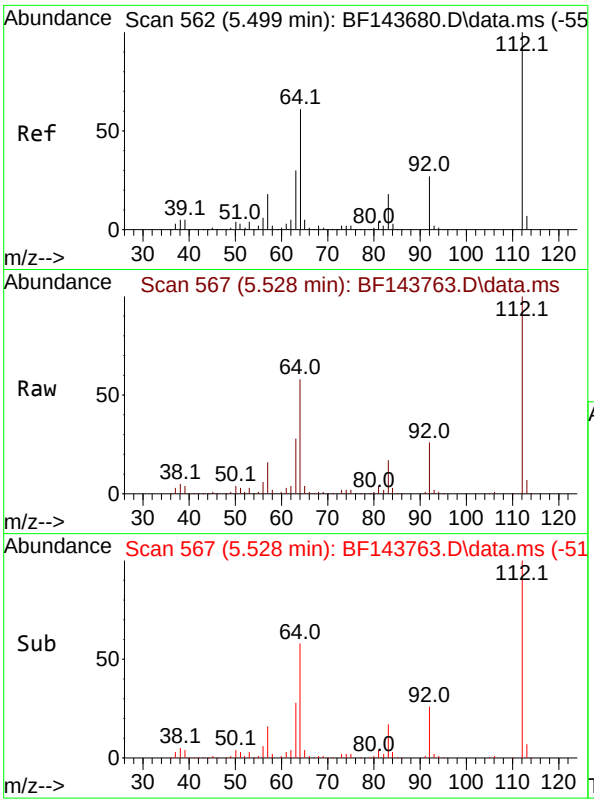


#2
1,4-Dioxane
Concen: 7.233 ng
RT: 2.357 min Scan# 28
Delta R.T. -0.312 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion: 88 Resp: 3206

Ion	Ratio	Lower	Upper
88	100		
58	38.5	65.8	98.6#
43	0.0	20.6	31.0#



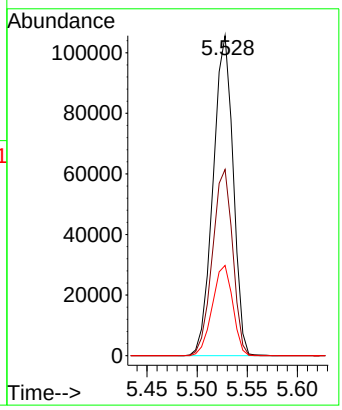


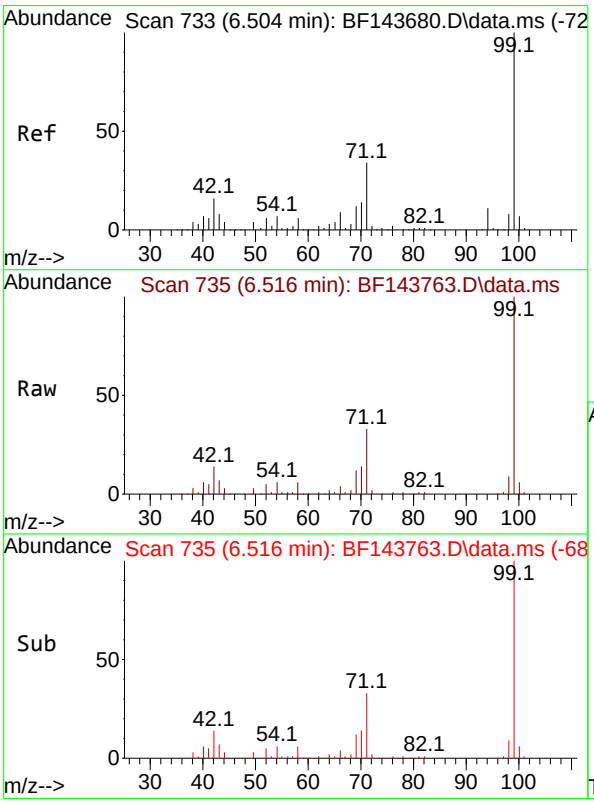
#5
2-Fluorophenol
Concen: 147.616 ng
RT: 5.528 min Scan# 5
Delta R.T. 0.029 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:112 Resp: 146678

Ion	Ratio	Lower	Upper
112	100		
64	58.2	49.0	73.4
63	28.2	24.3	36.5

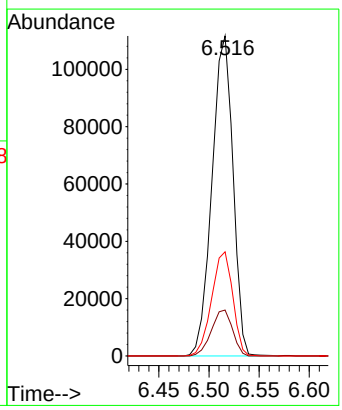


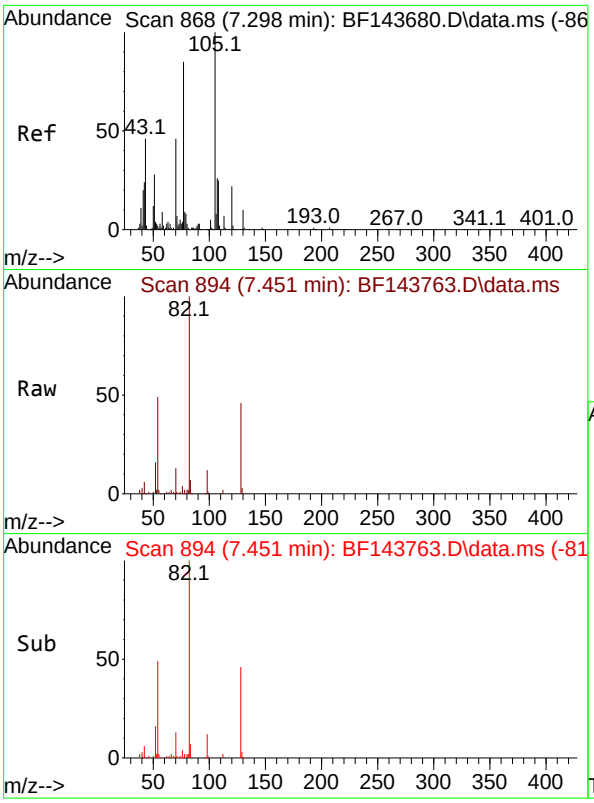


#7
Phenol-d6
Concen: 134.476 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion: 99 Resp: 162698

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.0	19.4
71	32.6	27.4	41.2



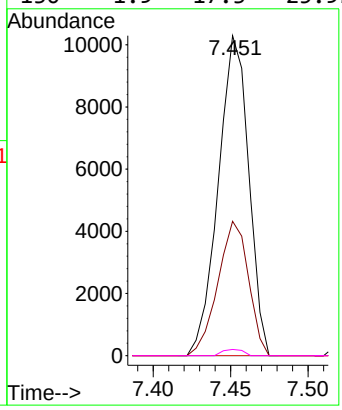


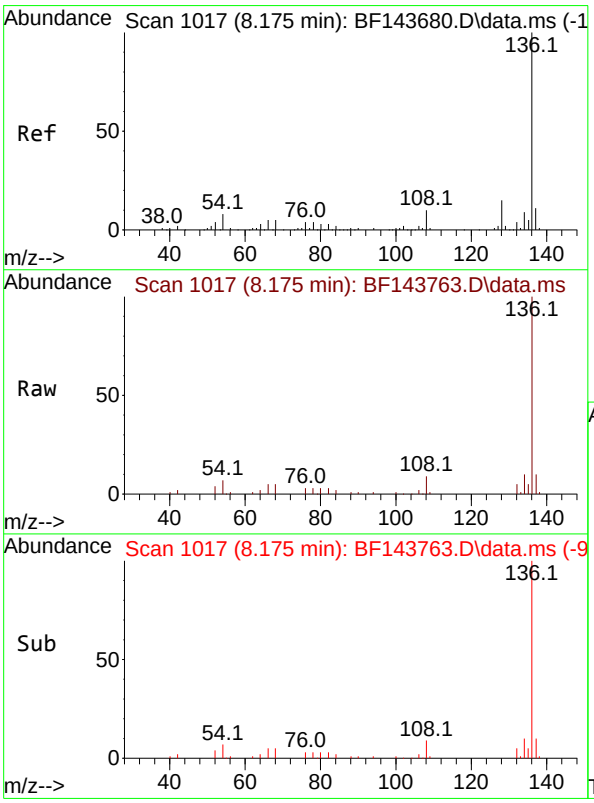
#19
n-Nitroso-di-n-propylamine
Concen: 18.882 ng
RT: 7.451 min Scan# 8
Delta R.T. 0.153 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion: 70 Resp: 14030

Ion	Ratio	Lower	Upper
70	100		
42	42.0	41.4	62.2
101	0.0	8.1	12.1#
130	1.9	17.3	25.9#

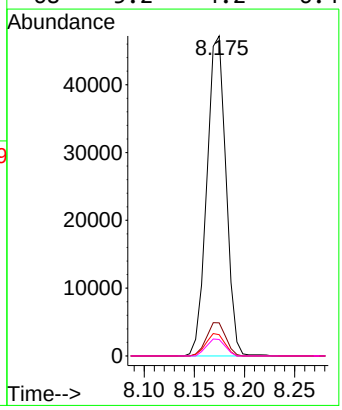


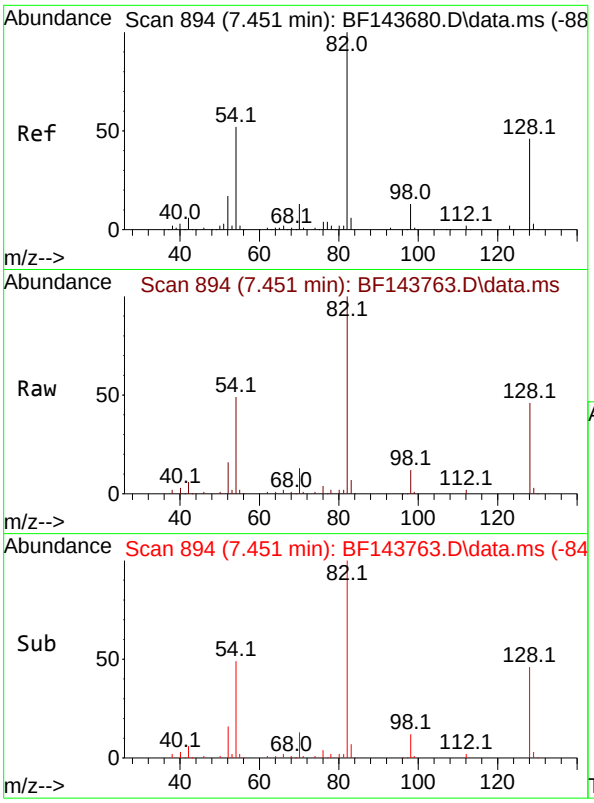


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:136 Resp: 62637

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.7	6.2	9.2
68	5.2	4.2	6.4



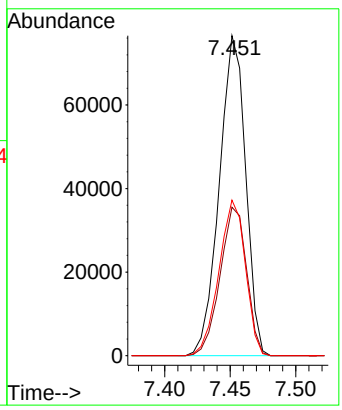


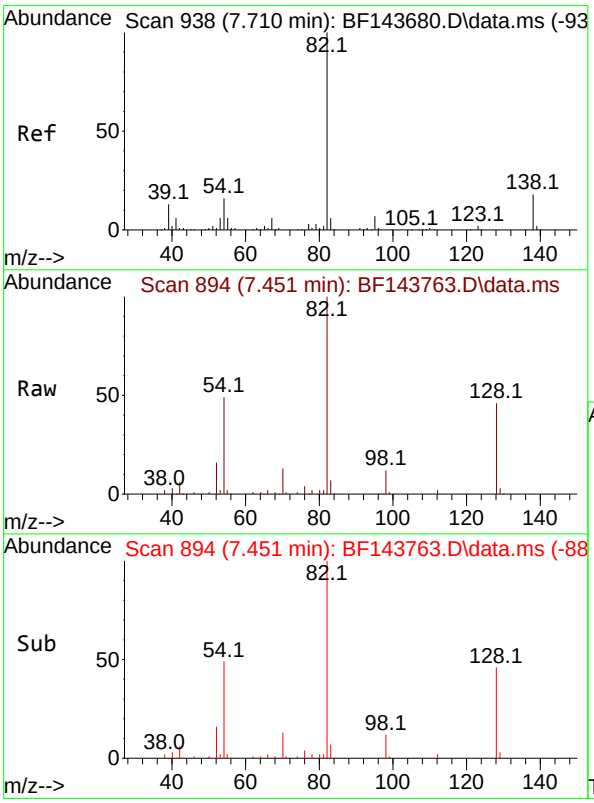
#23
Nitrobenzene-d5
Concen: 106.150 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion: 82 Resp: 106895

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	48.6	41.8	62.8

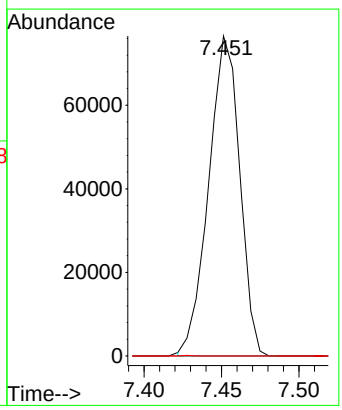


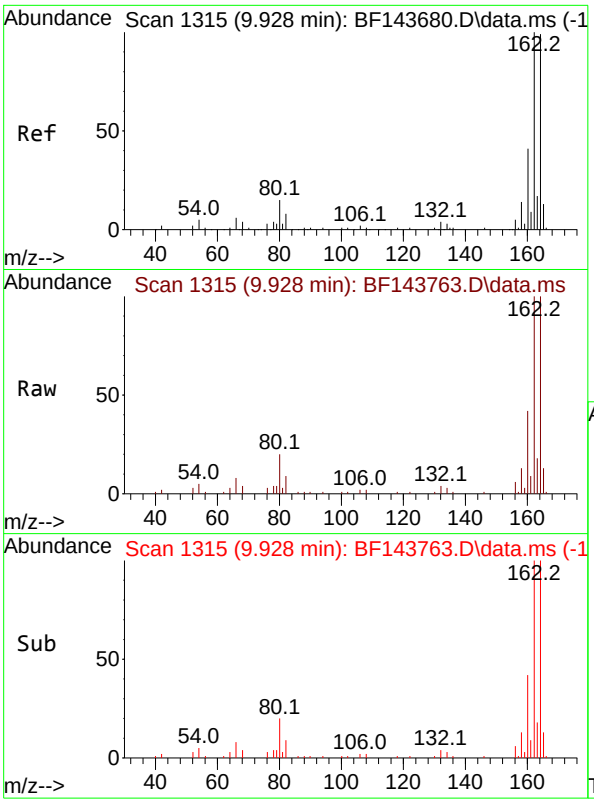


#25
Isophorone
Concen: 55.204 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.259 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion: 82 Resp: 106598

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.8	22.2#



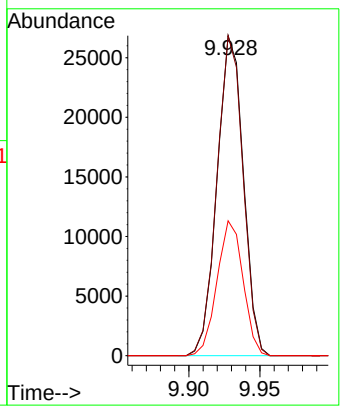


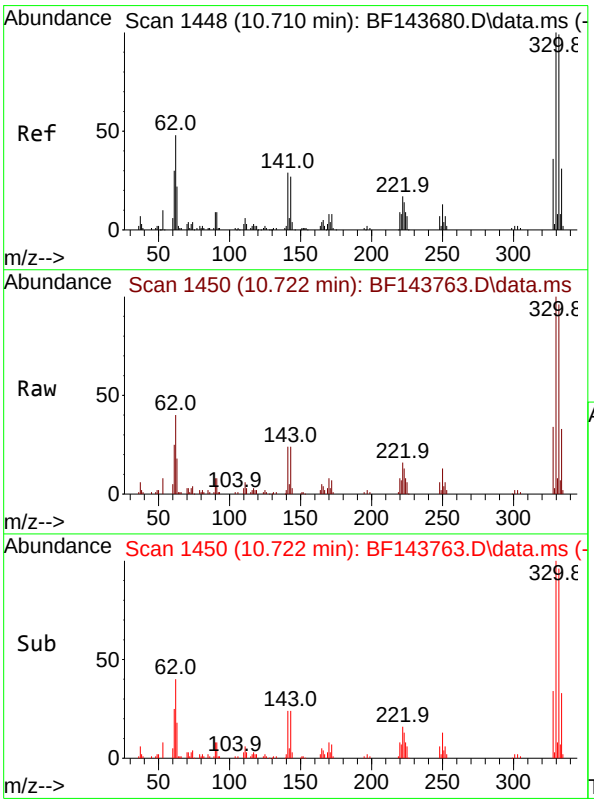
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:164 Resp: 34545

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	42.2	33.0	49.4

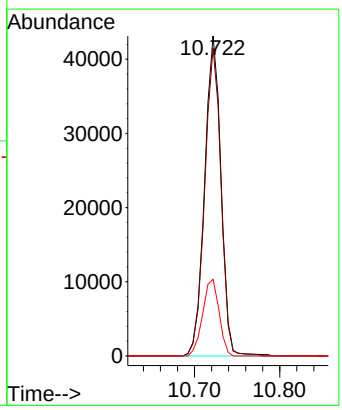


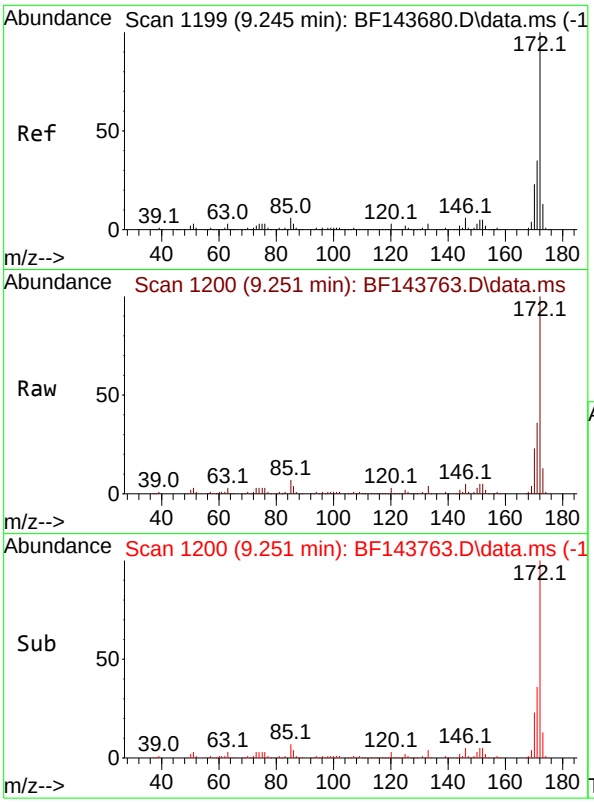


#42
2,4,6-Tribromophenol
Concen: 165.522 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.012 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:330 Resp: 57624

Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.2	118.8
141	24.0	22.2	33.4



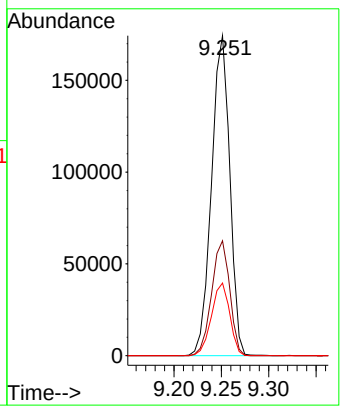


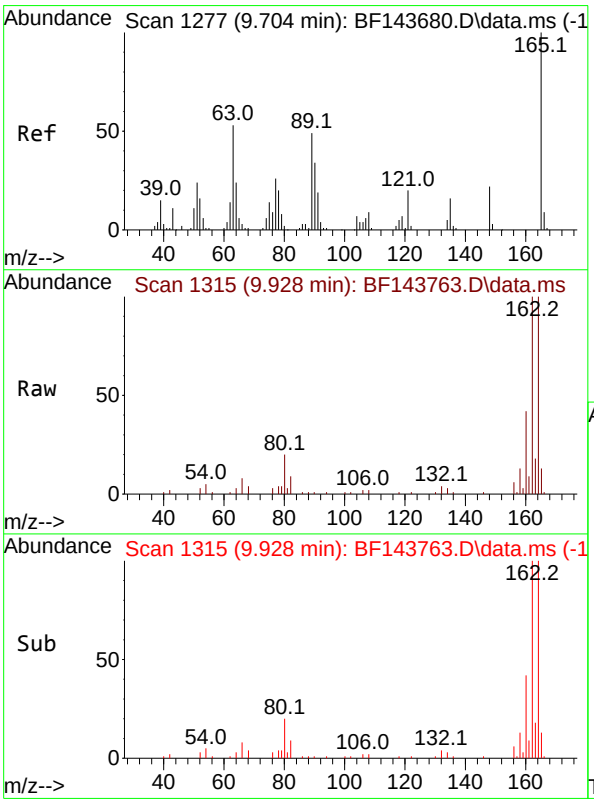
#45
2-Fluorobiphenyl
Concen: 102.127 ng
RT: 9.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:172 Resp: 233546

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	22.7	18.6	27.8

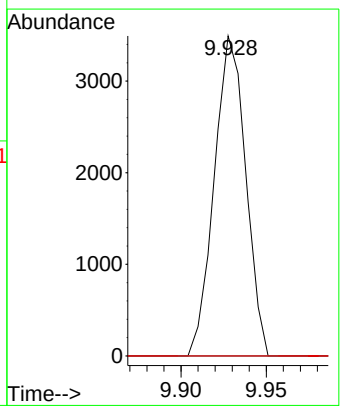


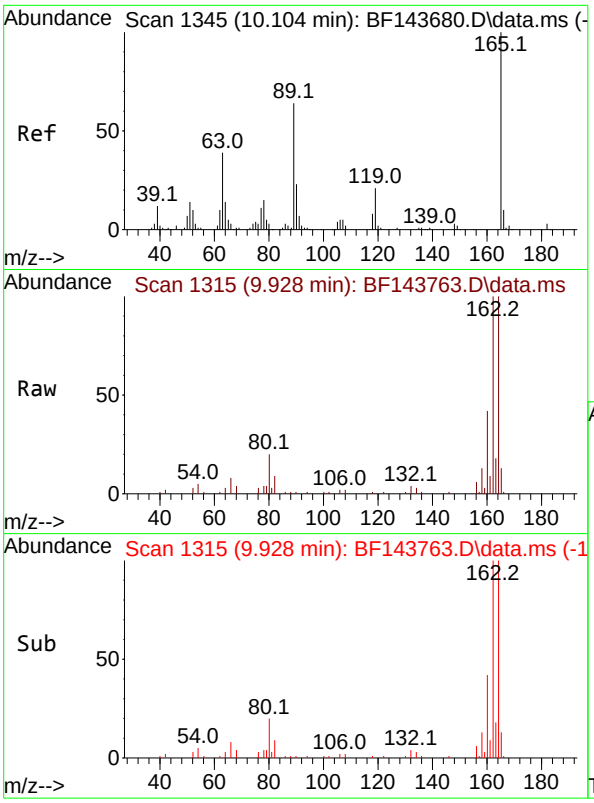


#51
2,6-Dinitrotoluene
Concen: 10.418 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.223 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:165 Resp: 4477

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.4#
89	0.0	39.3	58.9#



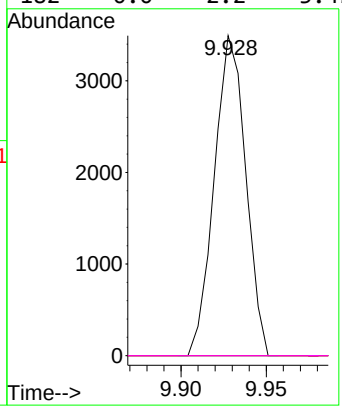


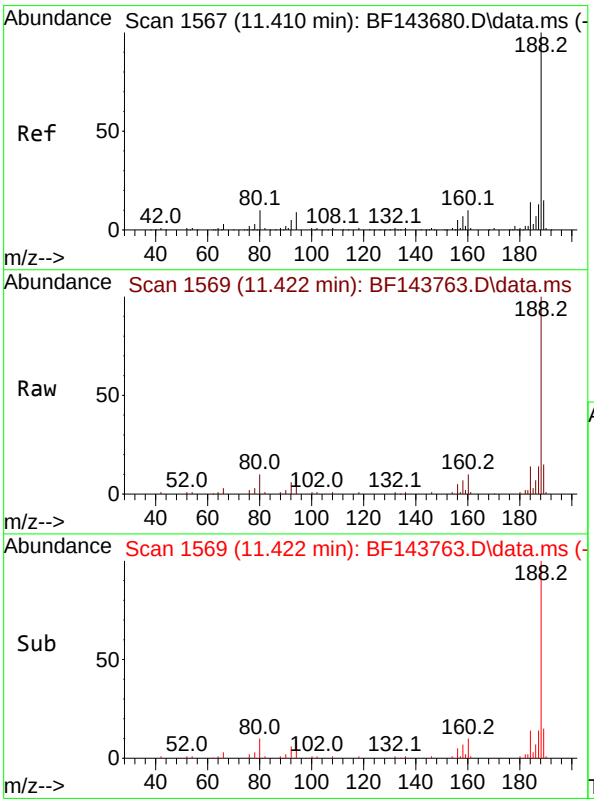
#57
2,4-Dinitrotoluene
Concen: 7.655 ng
RT: 9.928 min Scan# 1
Delta R.T. -0.177 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:165 Resp: 4477

Ion	Ratio	Lower	Upper
165	100		
63	0.0	31.5	47.3#
89	0.0	51.3	76.9#
182	0.0	2.2	3.4#

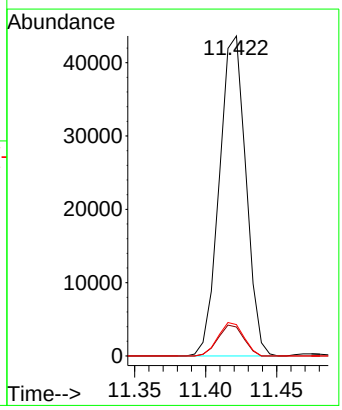


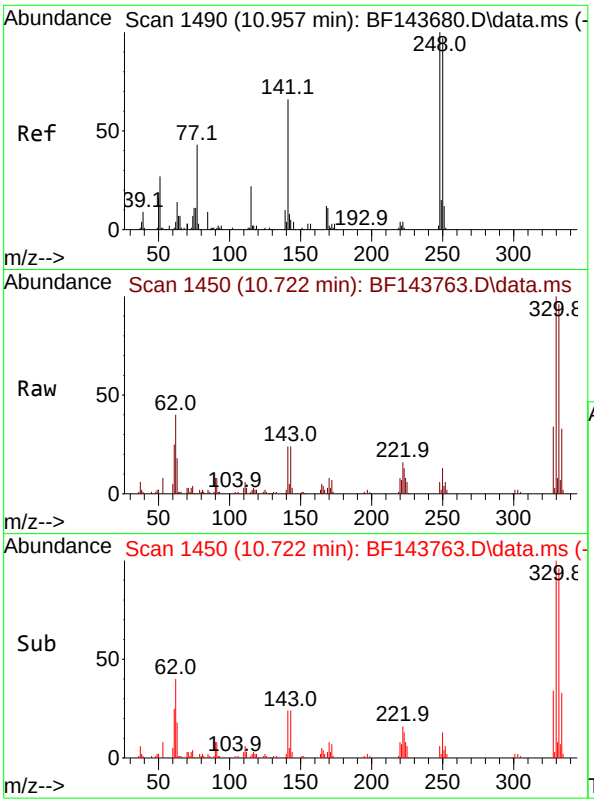


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:188 Resp: 56729

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.4	11.0
80	9.8	7.7	11.5



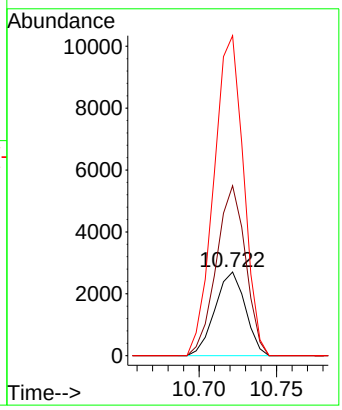


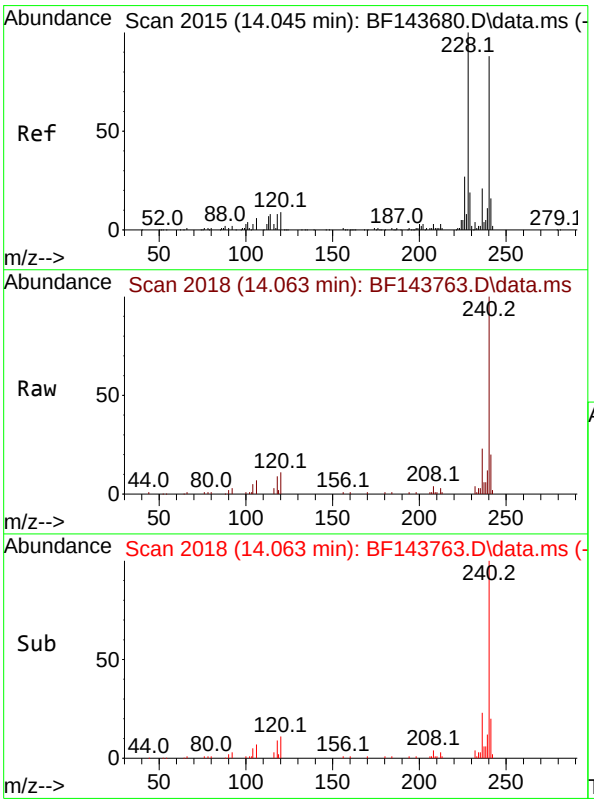
#67
4-Bromophenyl-phenylether
Concen: 5.379 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.235 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:248 Resp: 3680

Ion	Ratio	Lower	Upper
248	100		
250	202.9	77.5	116.3#
141	382.2	52.6	79.0#

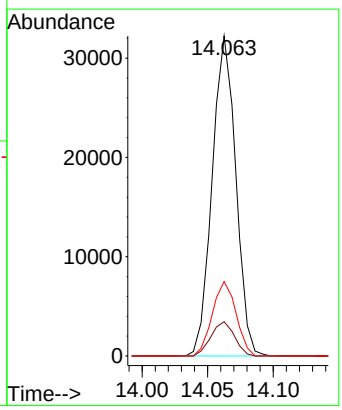


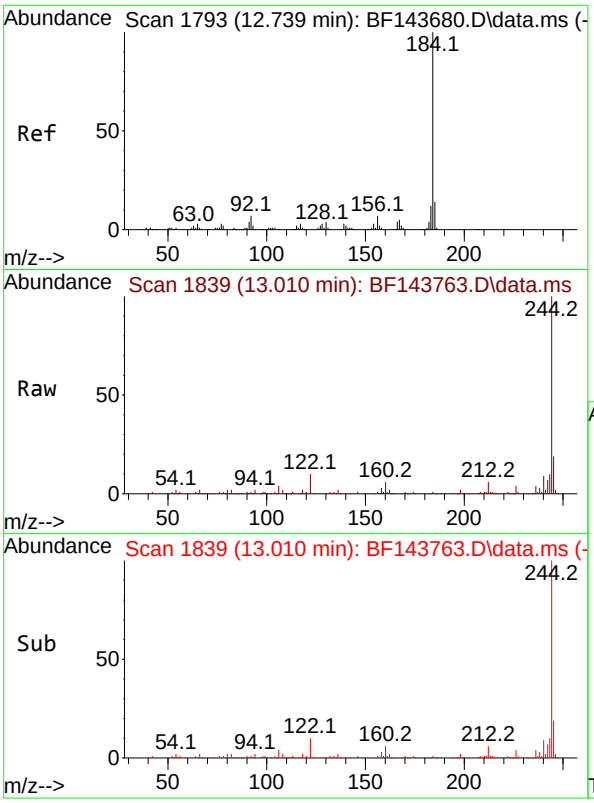


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:240 Resp: 40371

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	23.3	18.6	28.0



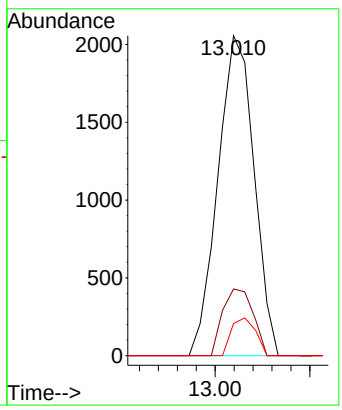


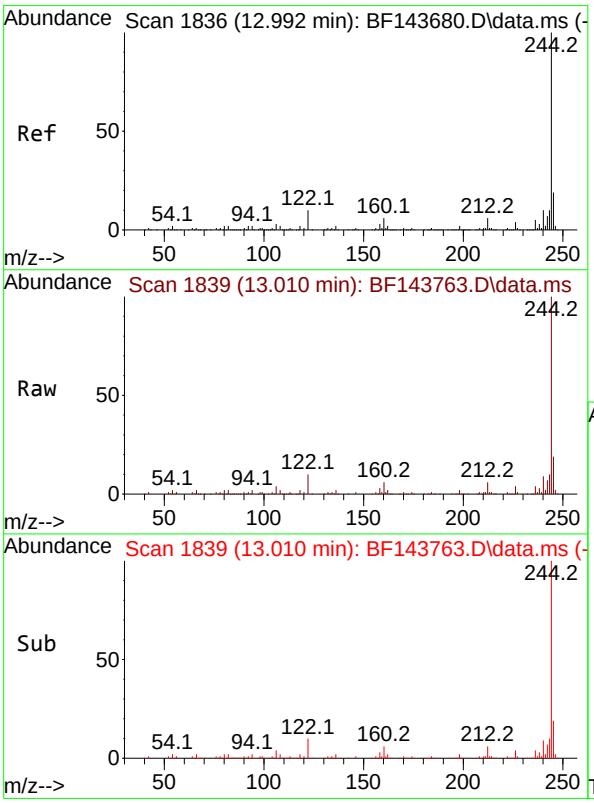
#77
Benzidine
Concen: 2.072 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.270 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:184 Resp: 2728

Ion	Ratio	Lower	Upper
184	100		
185	20.9	11.5	17.3#
183	10.1	9.4	14.2

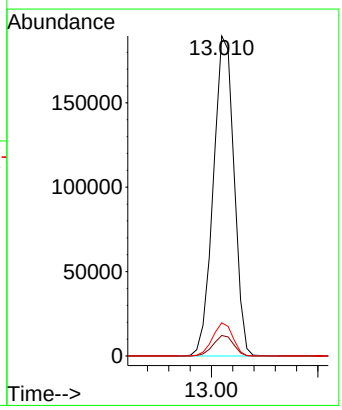


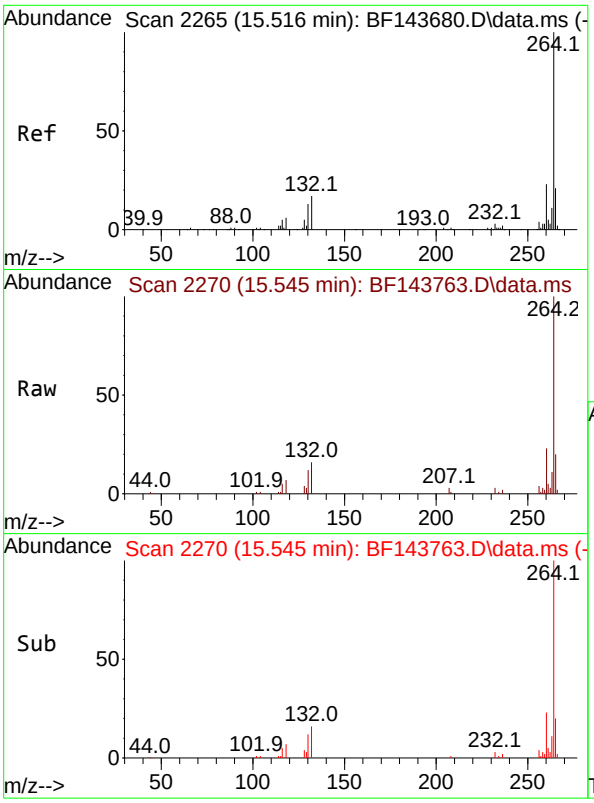


#79
Terphenyl-d14
Concen: 102.535 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.018 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Tgt Ion:244 Resp: 255438

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.6
122	10.4	7.9	11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.029 min
Lab File: BF143763.D
Acq: 15 Sep 2025 20:55

Instrument :
BNA_F
ClientSampleId :
291376

Tgt Ion:264 Resp: 26945

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	19.9	17.1	25.7