Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143384.D
Acq On : 14 Aug 2025 16:26
Operator : RC/JU
Sample : Q2814-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Quant Time: Aug 14 16:55:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

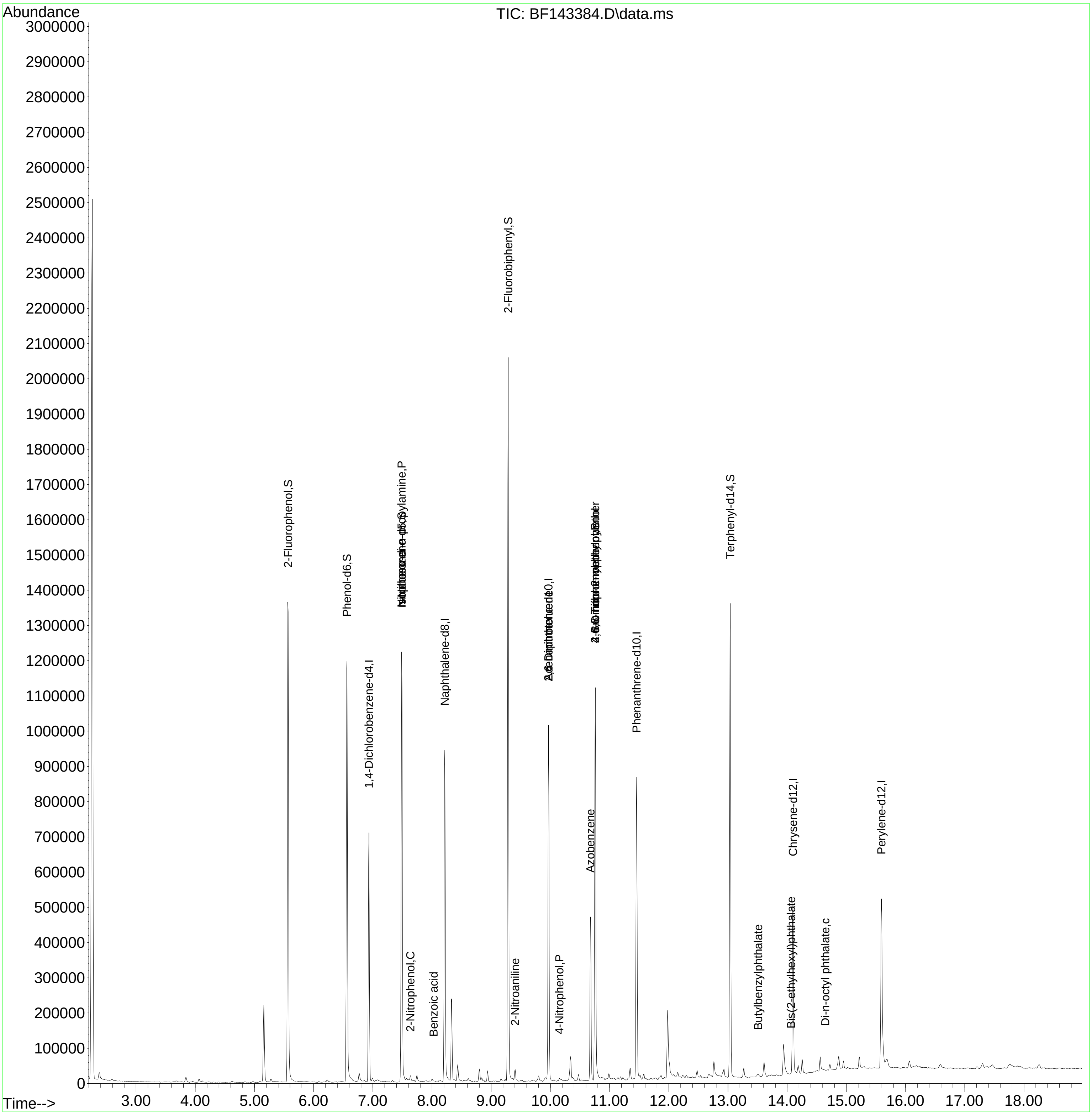
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	6.934	152	144062	20.000 ng	0.00
21) Naphthalene-d8	8.216	136	564075	20.000 ng	0.00
39) Acenaphthene-d10	9.969	164	297274	20.000 ng	0.00
64) Phenanthrene-d10	11.457	188	452249	20.000 ng	0.00
76) Chrysene-d12	14.098	240	249092	20.000 ng	0.00
86) Perylene-d12	15.592	264	291351	20.000 ng	0.01
System Monitoring Compounds					
5) 2-Fluorophenol	5.569	112	516398	61.986 ng	0.00
7) Phenol-d6	6.563	99	567027	53.076 ng	0.00
23) Nitrobenzene-d5	7.486	82	535076	59.072 ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	193147	88.904 ng	0.00
45) 2-Fluorobiphenyl	9.286	172	883747	50.412 ng	0.00
79) Terphenyl-d14	13.039	244	665780	47.719 ng	0.00
Target Compounds					Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	72662	11.007 ng	# 81
25) Isophorone	7.486	82	513538	27.772 ng	# 65
26) 2-Nitrophenol	7.633	139	312	3.716 ng	# 1
32) Benzoic acid	8.028	122	53	3.476 ng	88
48) 2-Nitroaniline	9.404	65	507	2.866 ng	# 6
51) 2,6-Dinitrotoluene	9.969	165	38539	13.964 ng	# 21
56) 4-Nitrophenol	10.151	139	61	5.497 ng	# 5
57) 2,4-Dinitrotoluene	9.969	165	38540	11.295 ng	# 19
63) Azobenzene	10.674	77	120088	6.757 ng	# 1
65) 4,6-Dinitro-2-methylph...	10.757	198	656	7.565 ng	# 1
67) 4-Bromophenyl-phenylether	10.757	248	12161	2.351 ng	# 1
80) Butylbenzylphthalate	13.510	149	374	3.435 ng	# 51
84) Bis(2-ethylhexyl)phtha...	14.068	149	2321	4.340 ng	# 90
85) Di-n-octyl phthalate	14.645	149	663	6.072 ng	# 70

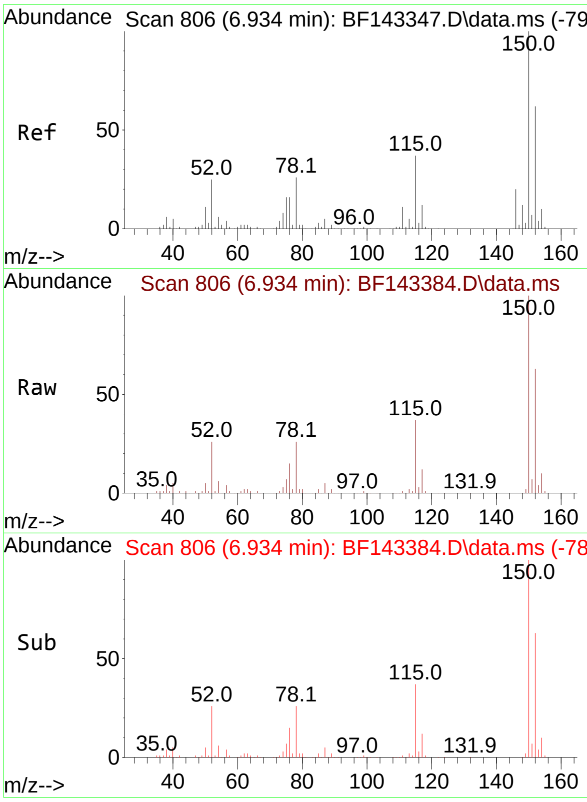
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143384.D
Acq On   : 14 Aug 2025 16:26
Operator : RC/JU
Sample   : Q2814-06
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Quant Time: Aug 14 16:55:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration



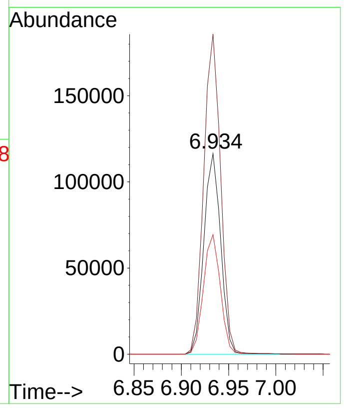


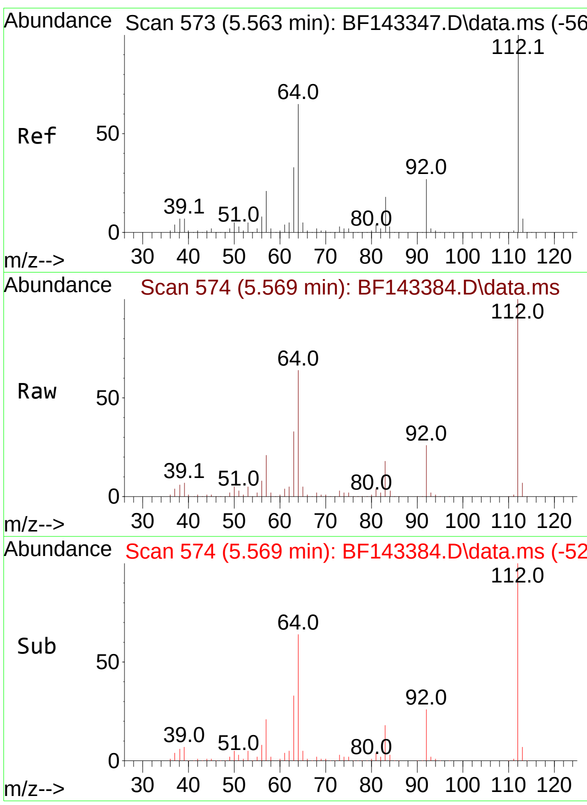
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min   Scan# 8
Delta R.T.   -0.000 min
Lab File: BF143384.D
Acq: 14 Aug 2025   16:26

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Tgt Ion:152 Resp: 144062

Ion	Ratio	Lower	Upper
152	100		
150	159.5	129.8	194.8
115	59.6	47.8	71.8

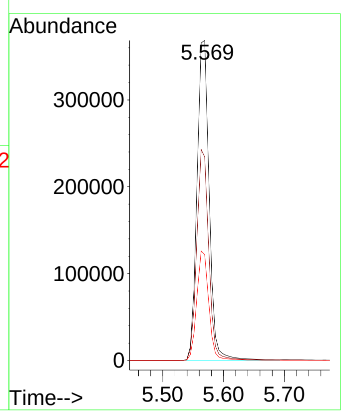


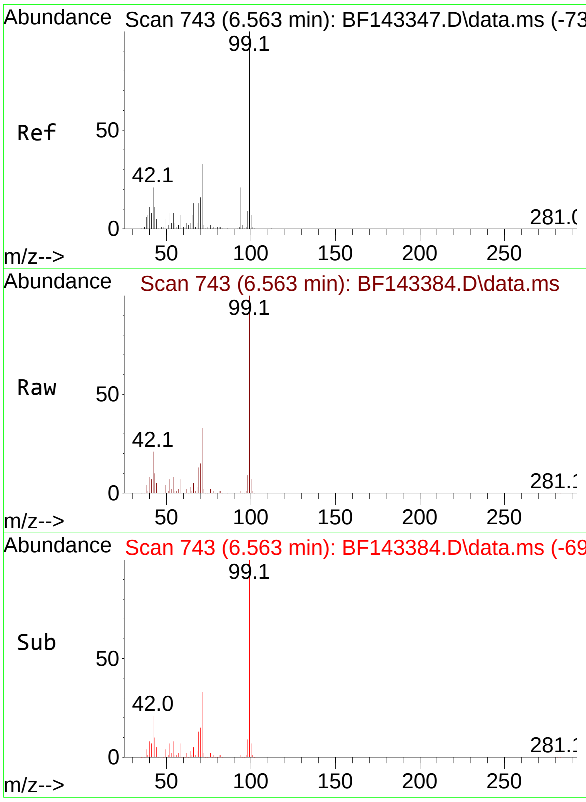


#5
2-Fluorophenol
Concen: 61.986 ng
RT: 5.569 min   Scan# 574
Delta R.T.   0.006 min
Lab File: BF143384.D
Acq: 14 Aug 2025   16:26

Tgt Ion:112 Resp: 516398

Ion	Ratio	Lower	Upper
112	100		
64	63.6	52.1	78.1
63	33.1	26.6	39.8



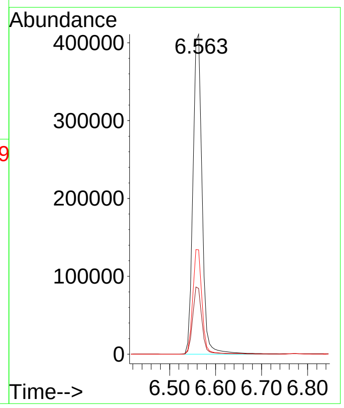


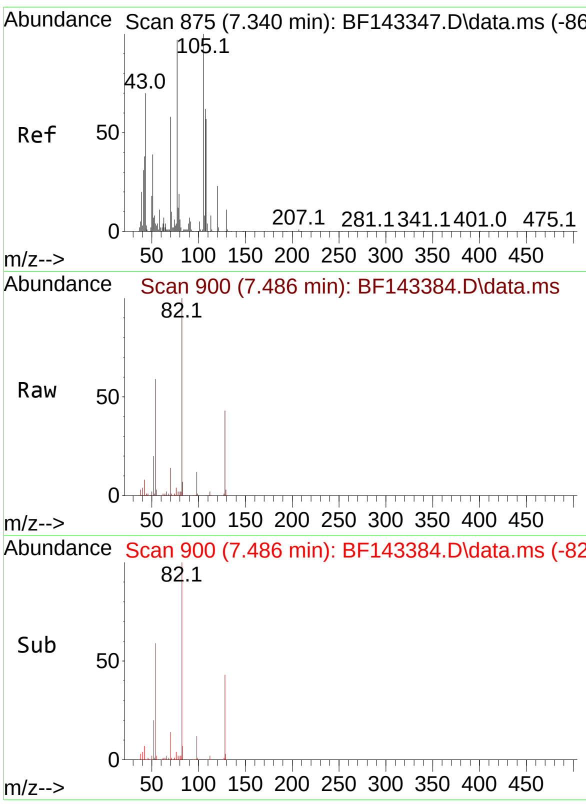
#7
Phenol-d6
Concen: 53.076 ng
RT: 6.563 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Tgt Ion: 99 Resp: 567027

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	25.0
71	32.6	26.2	39.2

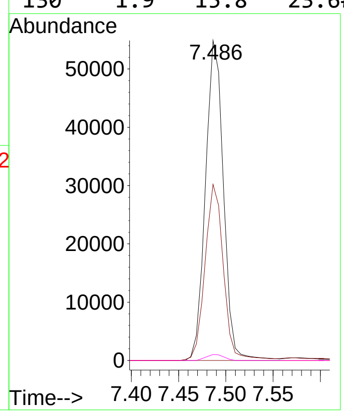


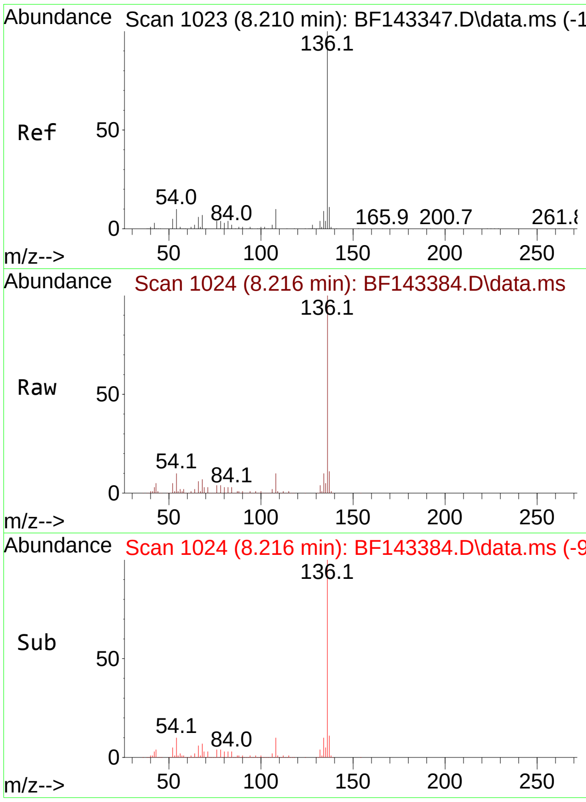


#19
n-Nitroso-di-n-propylamine
Concen: 11.007 ng
RT: 7.486 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion: 70 Resp: 72662

Ion	Ratio	Lower	Upper
70	100		
42	55.1	51.6	77.4
101	0.0	7.5	11.3#
130	1.9	15.8	23.6#



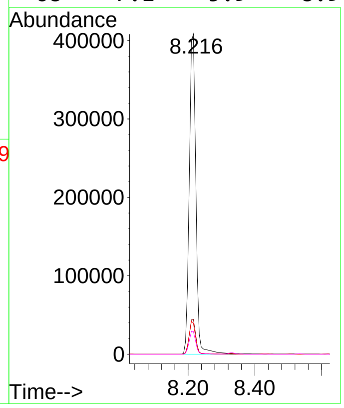


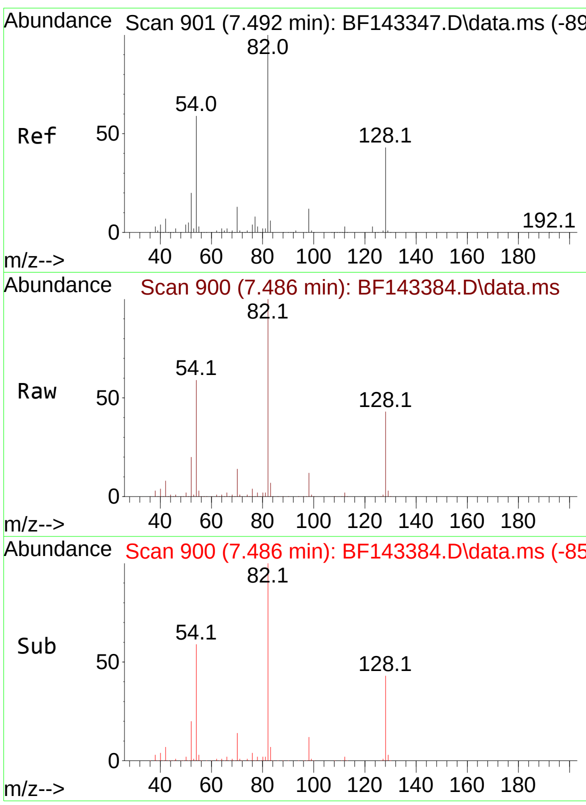
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Tgt Ion:136 Resp: 564075

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.7	8.4	12.6
68	7.1	5.9	8.9

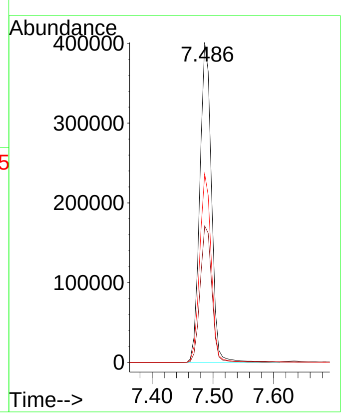


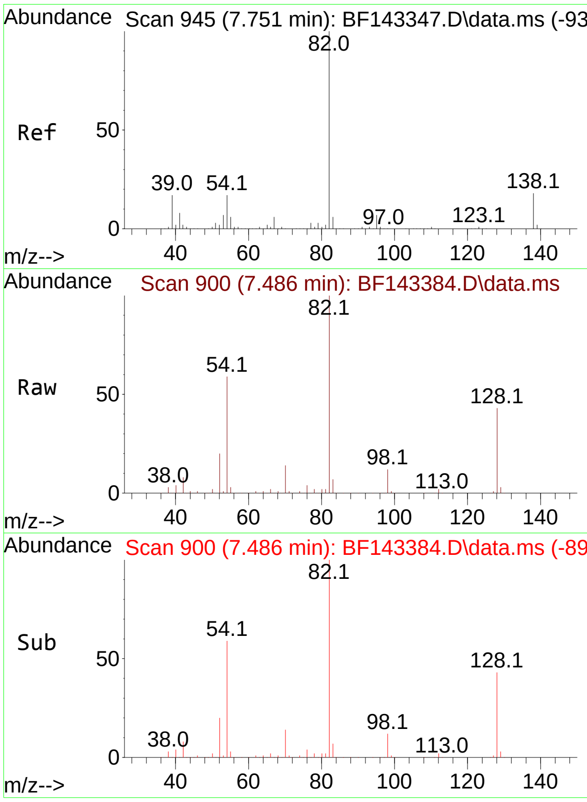


#23
Nitrobenzene-d5
Concen: 59.072 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion: 82 Resp: 535076

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.5	50.3
54	58.9	46.7	70.1



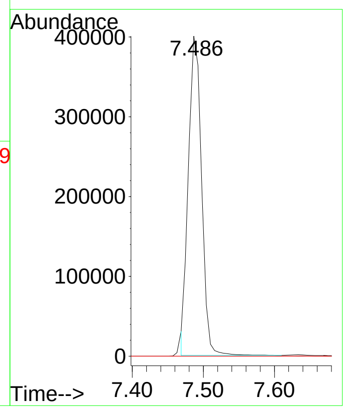


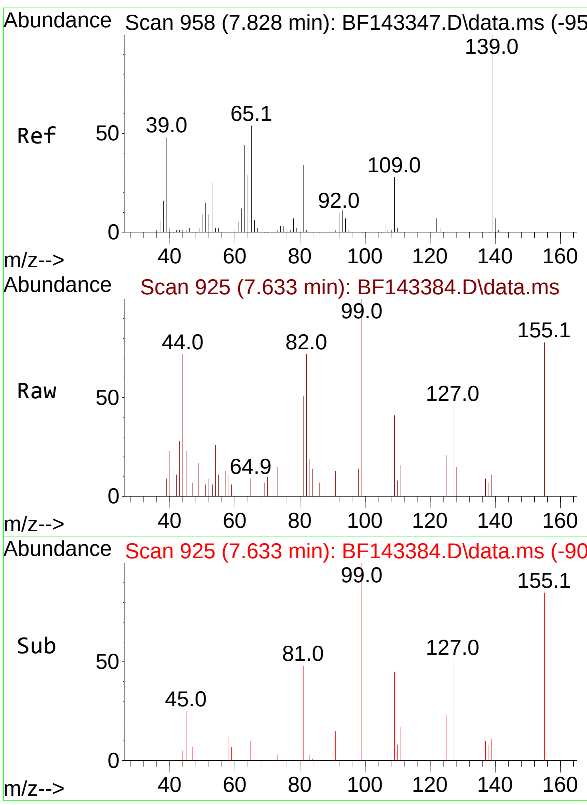
#25
Isophorone
Concen: 27.772 ng
RT: 7.486 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Tgt Ion: 82 Resp: 513538

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.6	21.8#

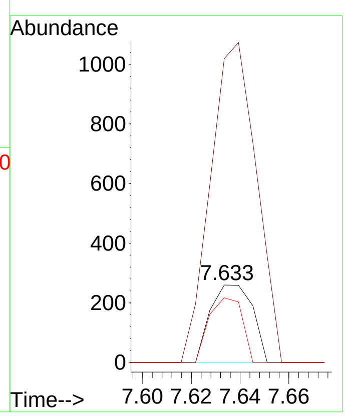


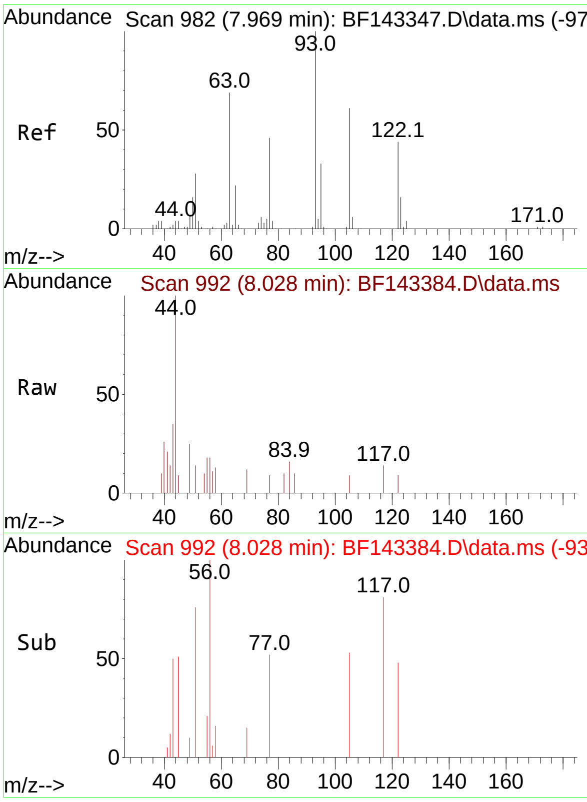


#26
2-Nitrophenol
Concen: 3.716 ng
RT: 7.633 min Scan# 925
Delta R.T. -0.195 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:139 Resp: 312

Ion	Ratio	Lower	Upper
139	100		
109	391.9	22.4	33.6#
65	83.5	42.9	64.3#



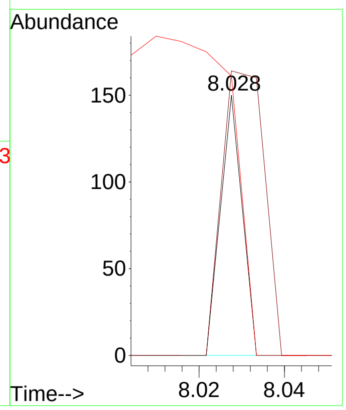


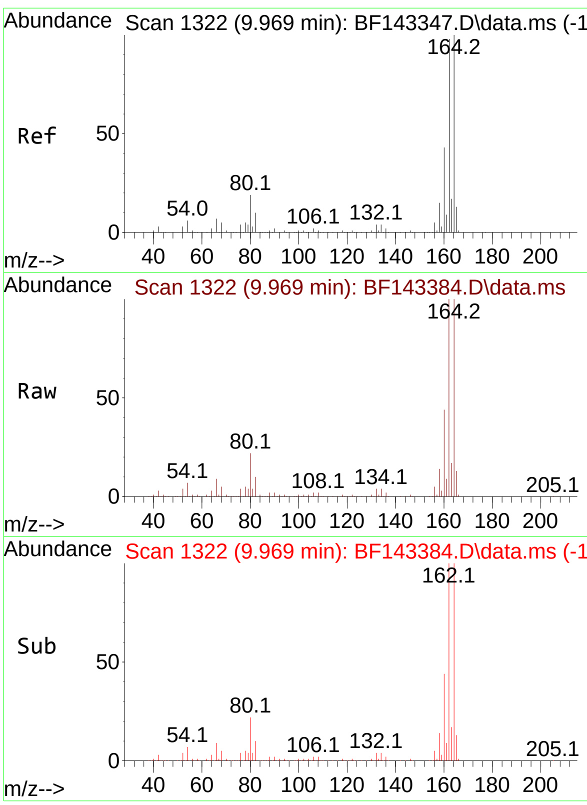
#32
Benzoic acid
Concen: 3.476 ng
RT: 8.028 min   Scan# 9
Delta R.T.   0.059 min
Lab File: BF143384.D
Acq: 14 Aug 2025   16:26

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	109.3	106.4	146.4
77	107.3	79.2	119.2

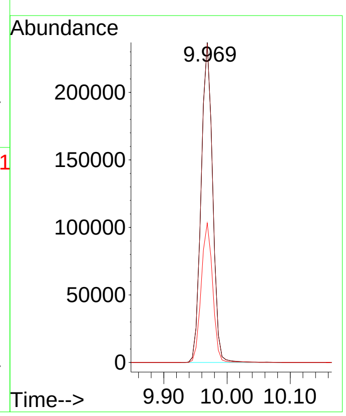


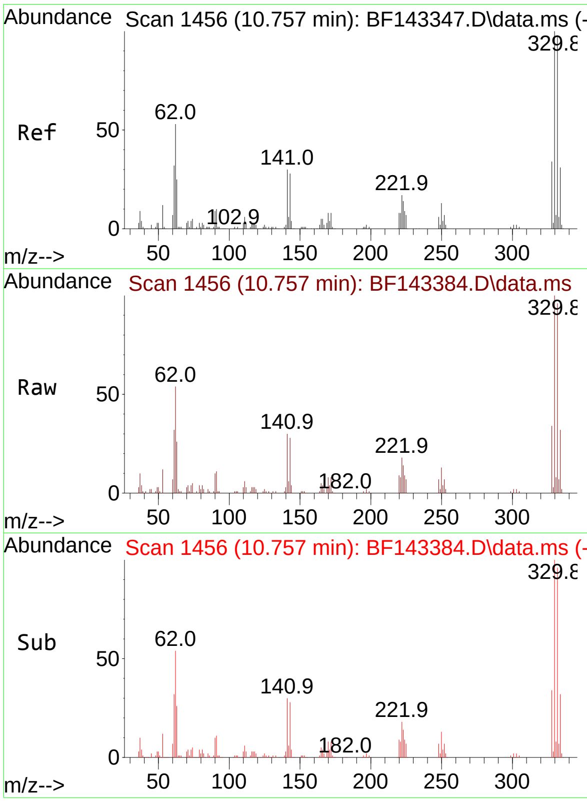


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min   Scan# 1322
Delta R.T.   -0.000 min
Lab File: BF143384.D
Acq: 14 Aug 2025   16:26

Tgt Ion:164 Resp: 297274

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.6	118.0
160	43.6	34.4	51.6





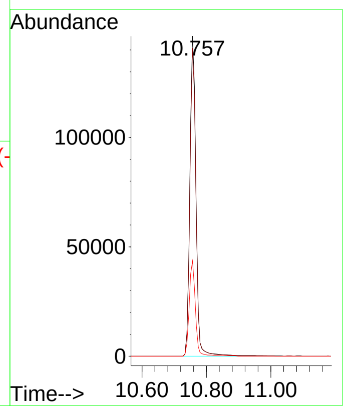
#42
2,4,6-Tribromophenol
Concen: 88.904 ng
RT: 10.757 min Scan# 14

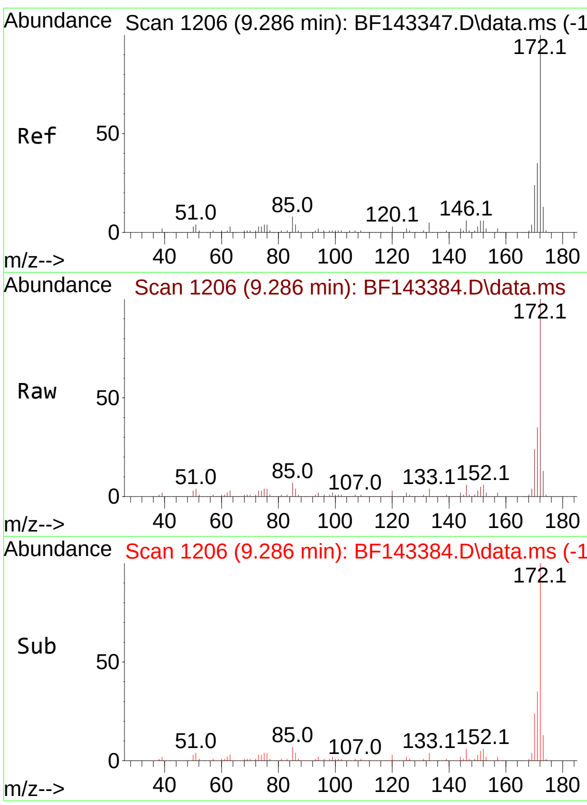
Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Delta R.T. -0.000 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:330 Resp: 193147

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	30.0	25.4	38.0

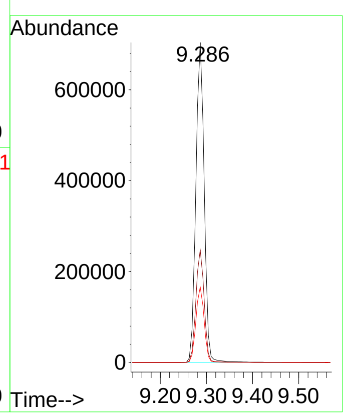


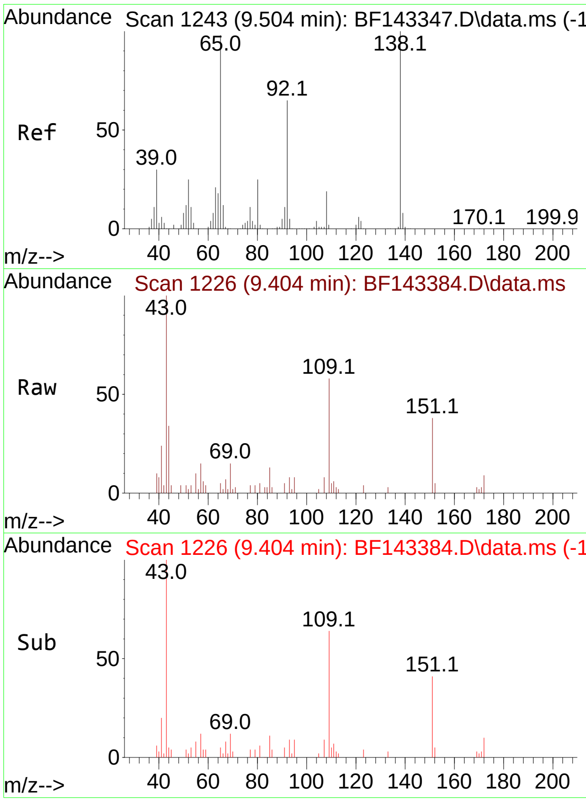


#45
2-Fluorobiphenyl
Concen: 50.412 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:172 Resp: 883747

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.6	19.1	28.7



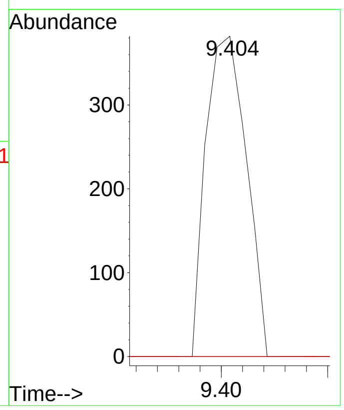


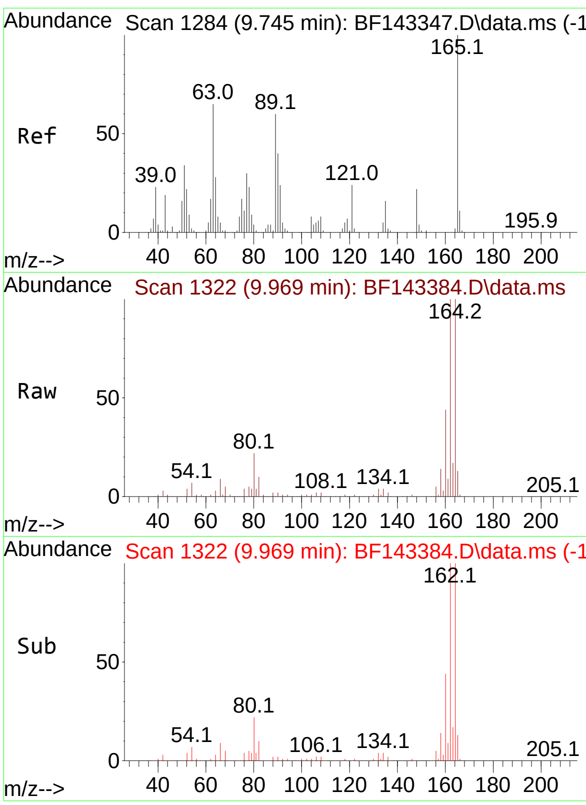
#48
2-Nitroaniline
Concen: 2.866 ng
RT: 9.404 min Scan# 1
Delta R.T. -0.100 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Tgt Ion: 65 Resp: 507

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.1	79.7#
138	0.0	81.4	122.0#

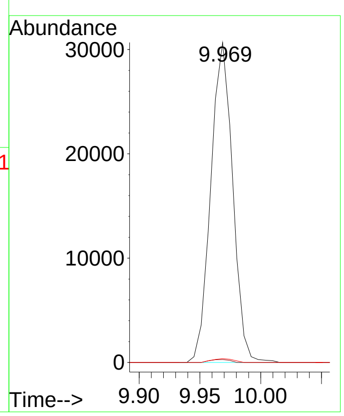


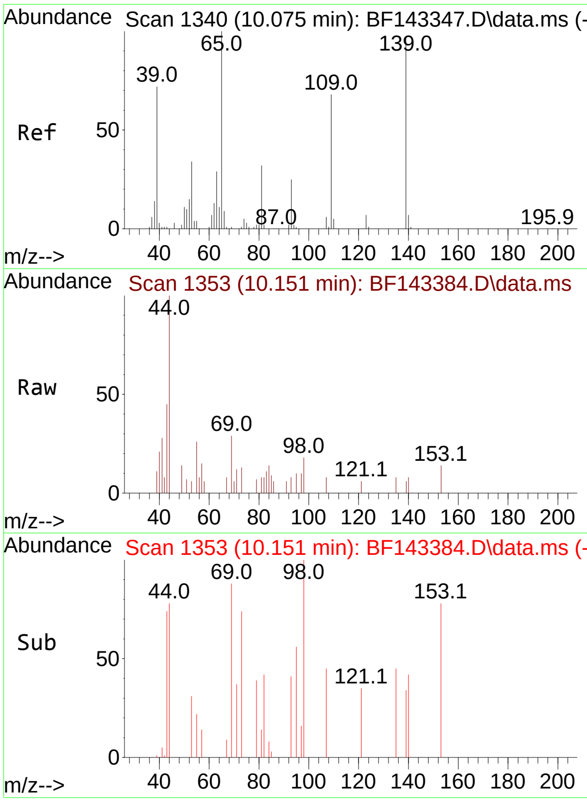


#51
2,6-Dinitrotoluene
Concen: 13.964 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.224 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:165 Resp: 38539

Ion	Ratio	Lower	Upper
165	100		
63	0.9	51.6	77.4#
89	1.2	47.7	71.5#



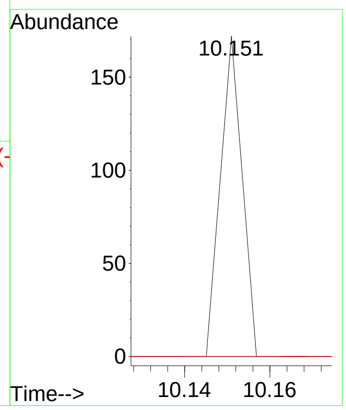


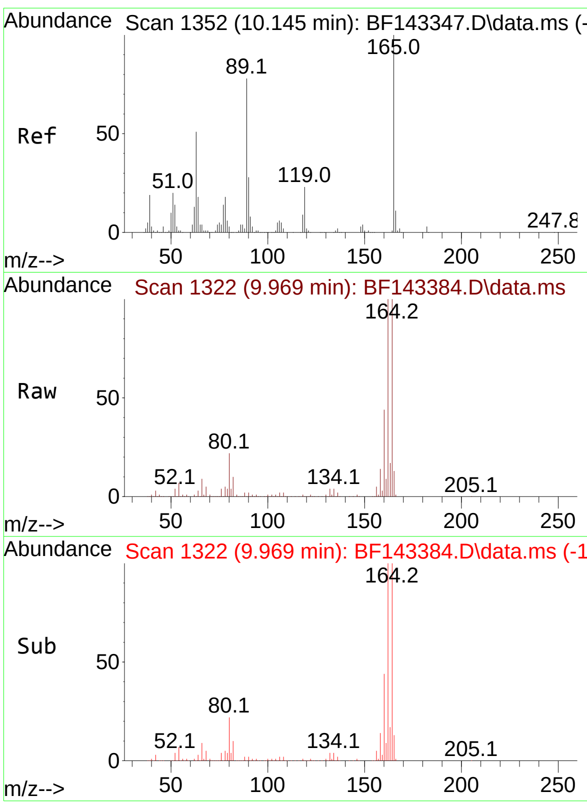
#56
4-Nitrophenol
Concen: 5.497 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.076 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Tgt Ion:139 Resp: 61

Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.4	89.4#
65	0.0	83.7	123.7#

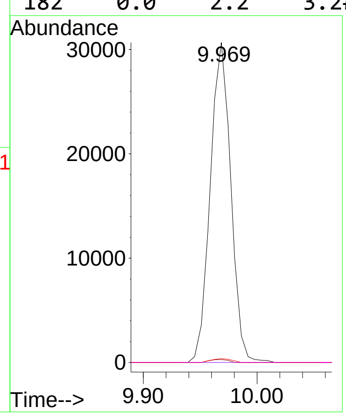


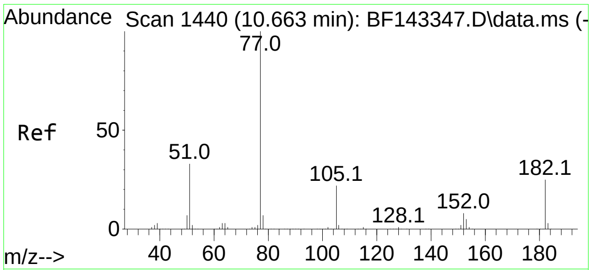


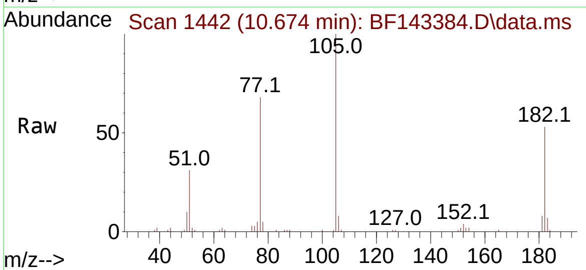
#57
2,4-Dinitrotoluene
Concen: 11.295 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.176 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

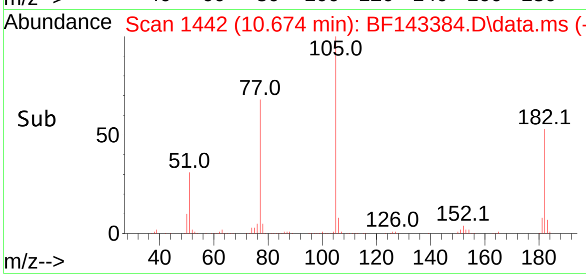
Tgt Ion:165 Resp: 38540

Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.8	62.8#
89	1.2	62.4	93.6#
182	0.0	2.2	3.2#







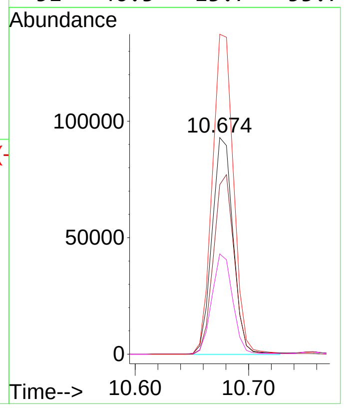


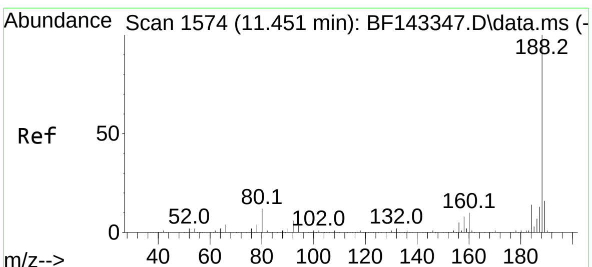
#63
Azobenzene
Concen: 6.757 ng
RT: 10.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

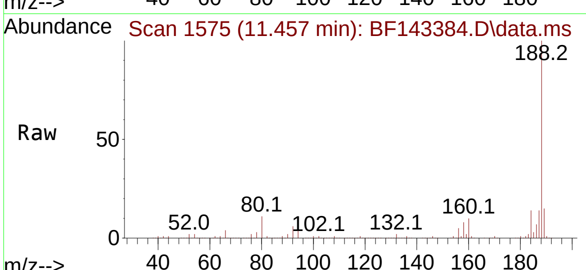
Instrument :
BNA_F
ClientSampleId :
TW-82H-S

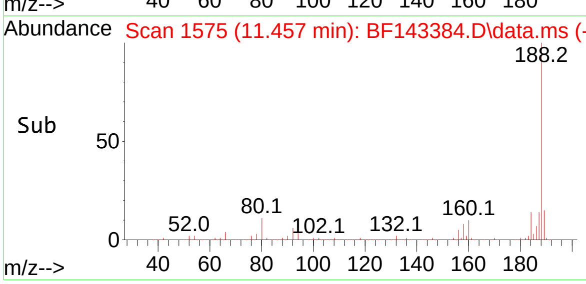
Tgt Ion: 77 Resp: 120088

Ion	Ratio	Lower	Upper
77	100		
182	78.2	4.4	44.4#
105	147.7	1.8	41.8#
51	46.3	13.7	53.7





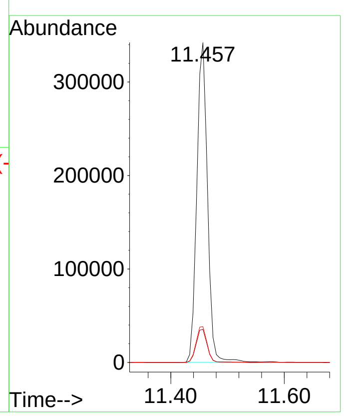


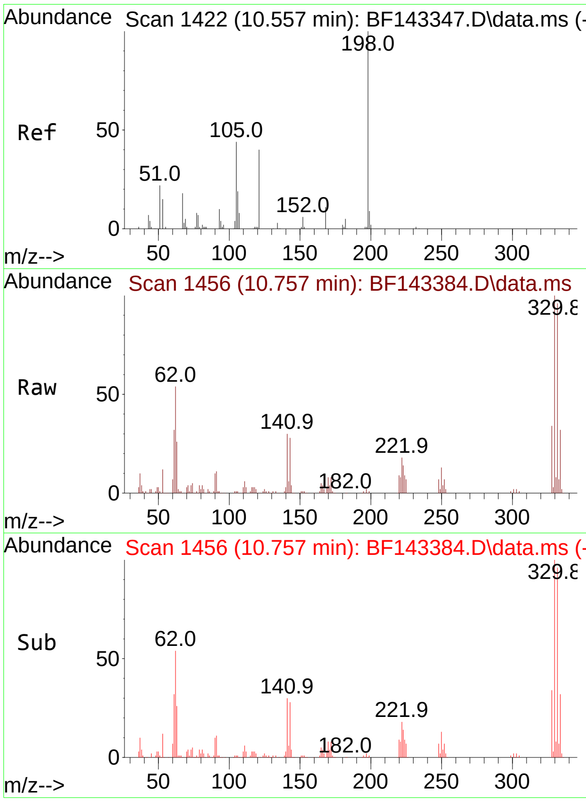


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:188 Resp: 452249

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.8	13.2
80	11.2	9.7	14.5





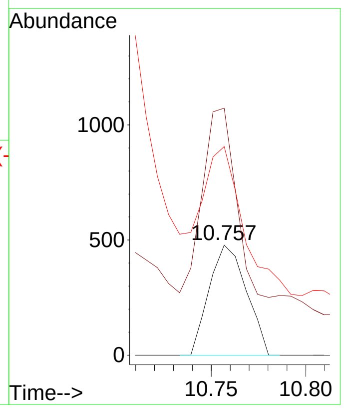
#65
4,6-Dinitro-2-methylphenol
Concen: 7.565 ng
RT: 10.757 min Scan# 14

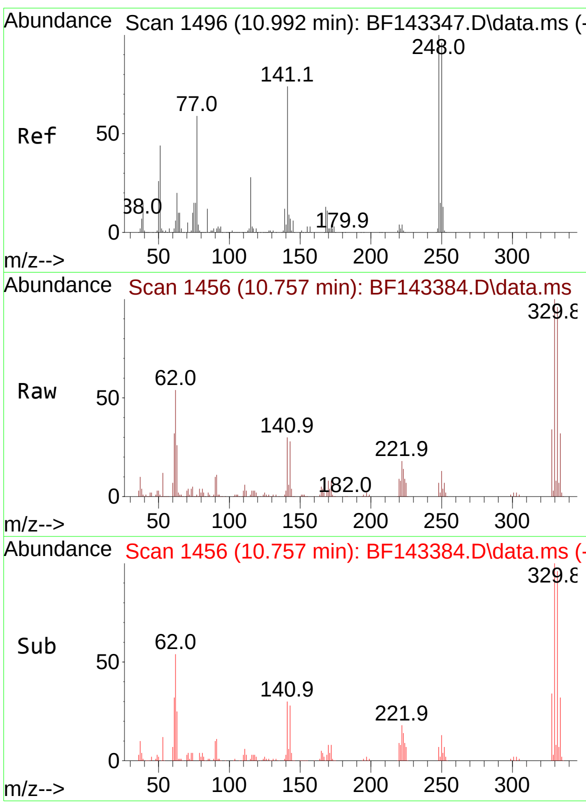
Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Delta R.T. 0.200 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:198 Resp: 656

Ion	Ratio	Lower	Upper
198	100		
51	224.5	41.7	81.7#
105	189.5	26.8	66.8#

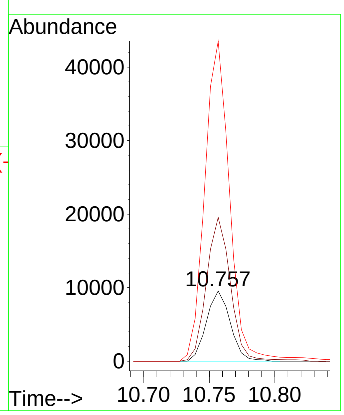


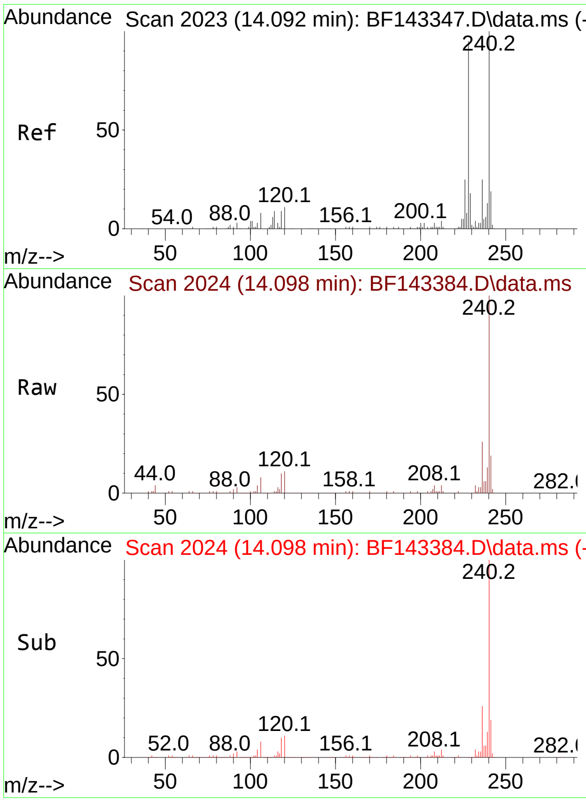


#67
4-Bromophenyl-phenylether
Concen: 2.351 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.235 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:248 Resp: 12161

Ion	Ratio	Lower	Upper
248	100		
250	204.5	77.1	115.7#
141	455.2	59.1	88.7#



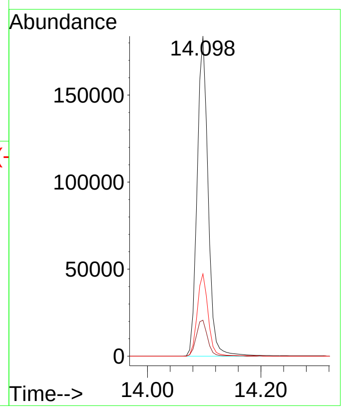


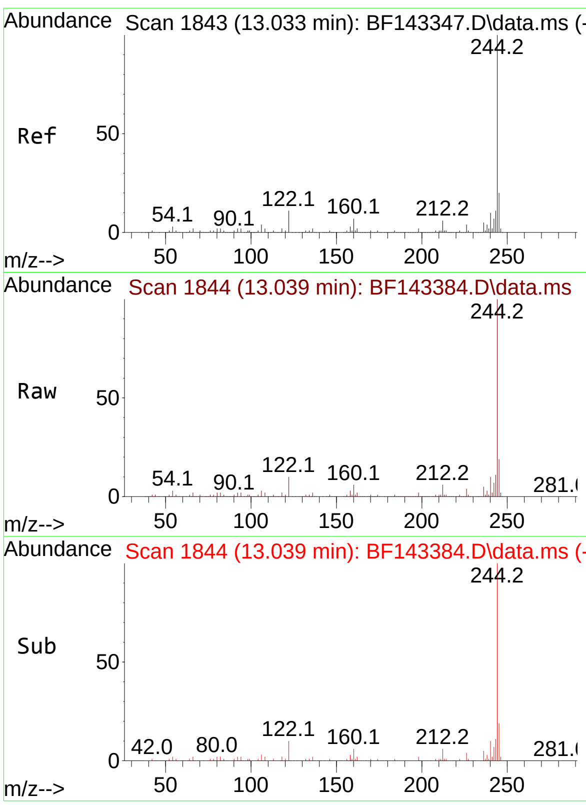
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min   Scan# 20
Delta R.T. 0.006 min
Lab File: BF143384.D
Acq: 14 Aug 2025   16:26

Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Tgt Ion:240 Resp: 249092

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	25.8	19.9	29.9

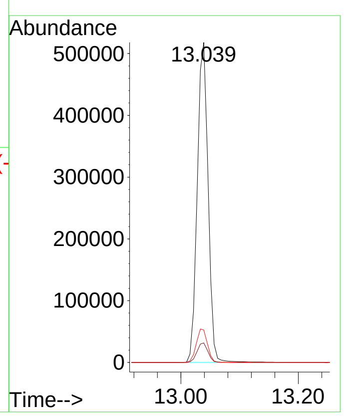


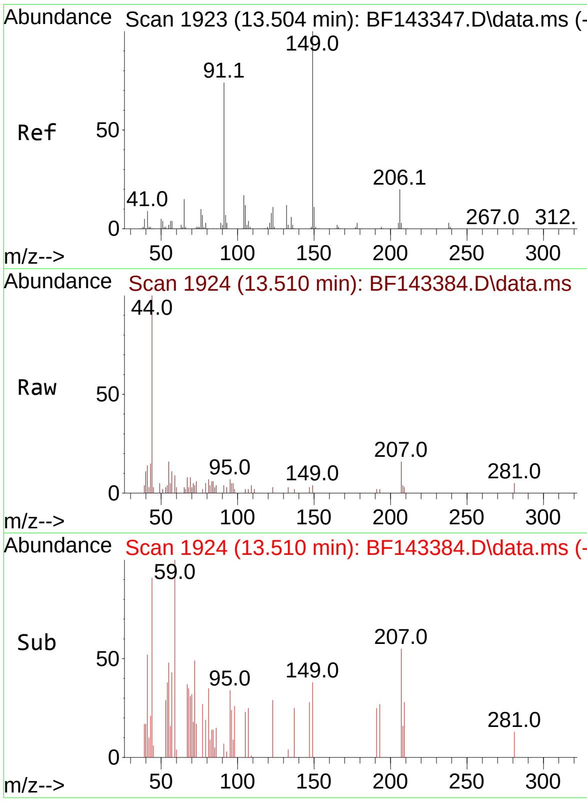


#79
Terphenyl-d14
Concen: 47.719 ng
RT: 13.039 min   Scan# 1844
Delta R.T. 0.006 min
Lab File: BF143384.D
Acq: 14 Aug 2025   16:26

Tgt Ion:244 Resp: 665780

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.1	7.7
122	10.2	8.9	13.3





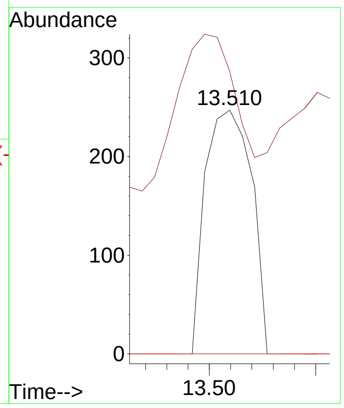
#80
Butylbenzylphthalate
Concen: 3.435 ng
RT: 13.510 min Scan# 1

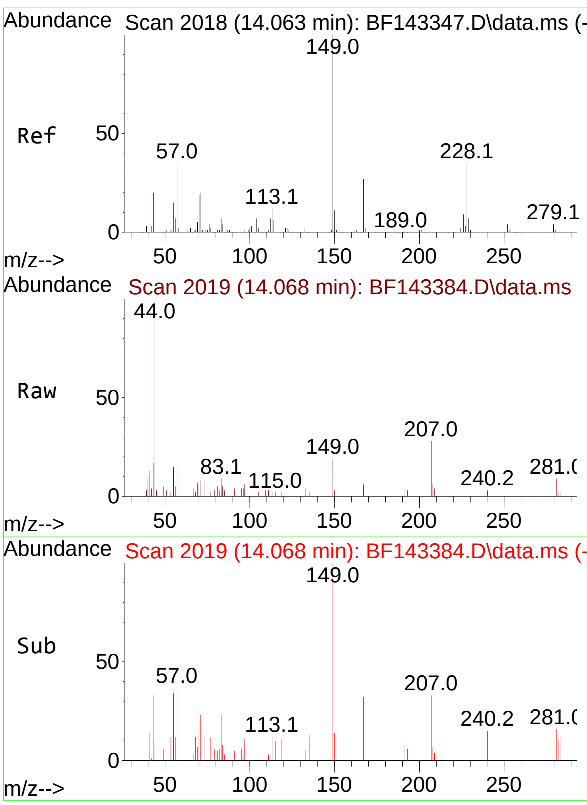
Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Delta R.T. 0.006 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:149 Resp: 374

Ion	Ratio	Lower	Upper
149	100		
91	115.8	58.8	88.2#
206	0.0	16.4	24.6#

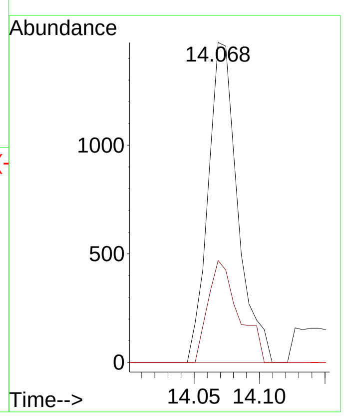


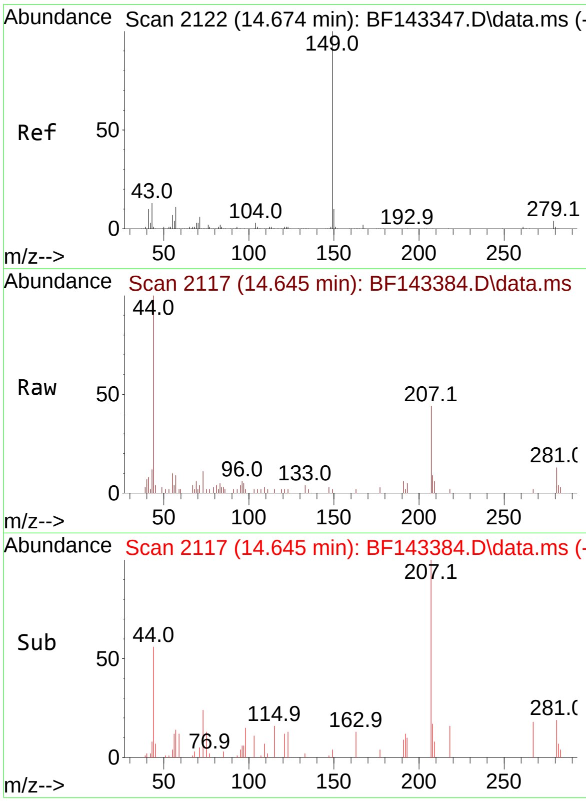


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.340 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.005 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:149 Resp: 2321

Ion	Ratio	Lower	Upper
149	100		
167	31.8	21.4	32.0
279	0.0	3.2	4.8#





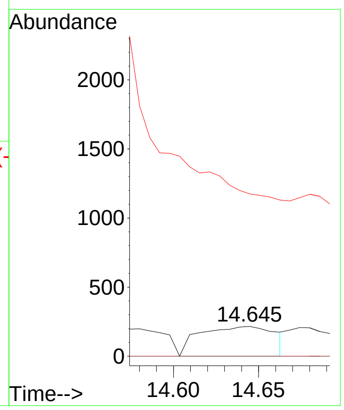
#85
Di-n-octyl phthalate
Concen: 6.072 ng
RT: 14.645 min Scan# 2

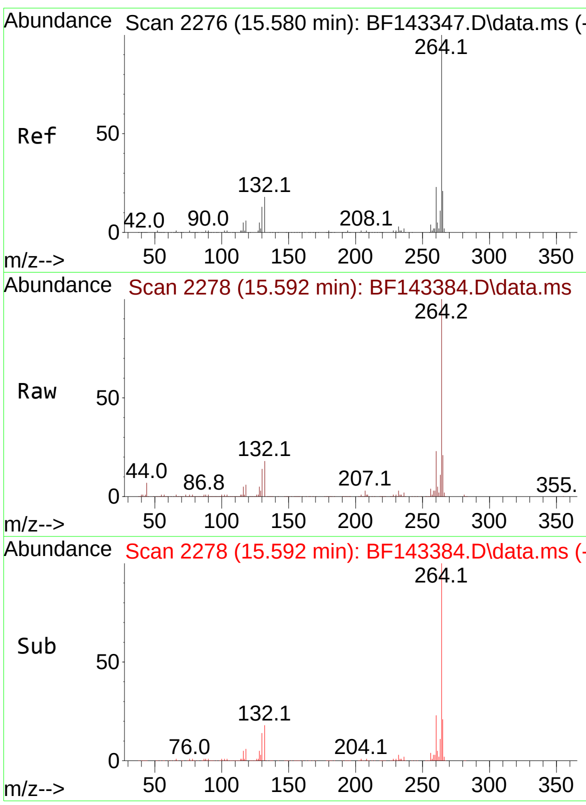
Instrument :
BNA_F
ClientSampleId :
TW-82H-S

Delta R.T. -0.029 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:149 Resp: 663

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.8	16.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2278
Delta R.T. 0.012 min
Lab File: BF143384.D
Acq: 14 Aug 2025 16:26

Tgt Ion:264 Resp: 291351

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.0	17.2	25.8