Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
Data File : BF144433.D
Acq On : 04 Dec 2025 16:38
Operator : RC/JU
Sample : Q3770-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4207

Quant Time: Dec 04 17:05:19 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	38949	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	132603	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	69199	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	102704	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	60759	20.000	ng	# 0.05
86) Perylene-d12	15.615	264	54465	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	69995	28.122	ng	0.00
7) Phenol-d6	6.498	99	82892	29.392	ng	0.00
23) Nitrobenzene-d5	7.422	82	48796	21.253	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	26574	30.602	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	110674	23.621	ng	0.00
79) Terphenyl-d14	13.016	244	93605	24.471	ng	0.02
Target Compounds						Qvalue
18) Hexachloroethane	7.392	117	6580	6.563	ng	# 1
22) Acetophenone	7.251	105	21706	7.631	ng	# 43
27) 2,4-Dimethylphenol	7.687	122	6453	3.489	ng	# 17
32) Benzoic acid	7.934	122	77737	57.338	ng	99
35) Caprolactam	8.563	113	5701	9.761	ng	# 1
37) 2-Methylnaphthalene	8.857	142	16643	3.946	ng	99
38) 1-Methylnaphthalene	8.957	142	9637	2.368	ng	96
66) n-Nitrosodiphenylamine	10.563	169	22949	6.947	ng	# 72
69) Atrazine	11.092	200	2181	2.076	ng	# 56
71) Phenanthrene	11.428	178	25504	4.988	ng	# 62
74) Di-n-butylphthalate	11.963	149	14997	2.806	ng	# 56
75) Fluoranthene	12.874	202	37565	7.112	ng	69
78) Pyrene	12.874	202	38787	7.917	ng	# 80
82) 3,3'-Dichlorobenzidine	14.069	252	7446	5.159	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.057	149	52357	22.526	ng	# 68
85) Di-n-octyl phthalate	14.663	149	12443	3.103	ng	# 1

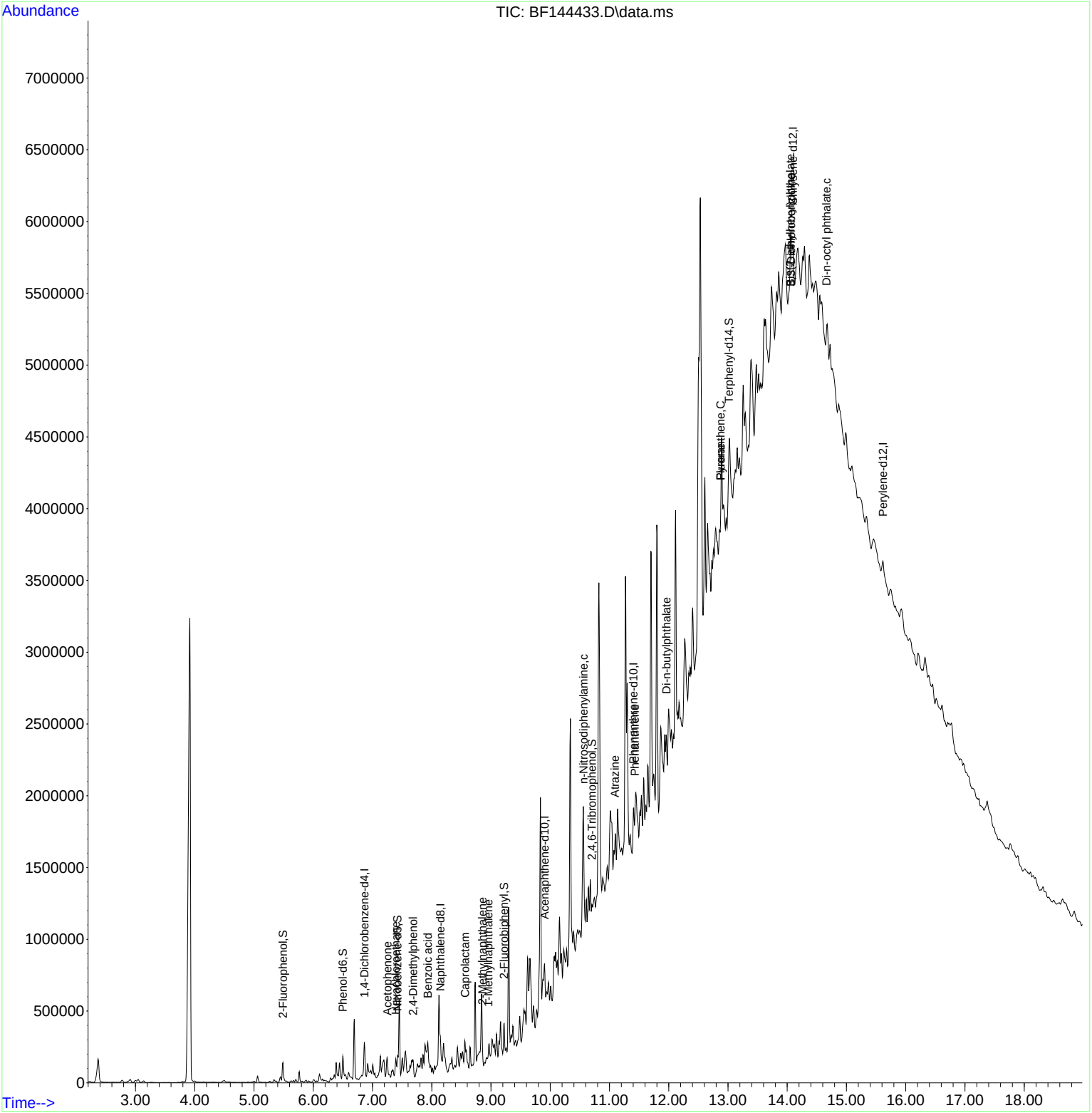
(#) = qualifier out of range (m) = manual integration (+) = signals summed

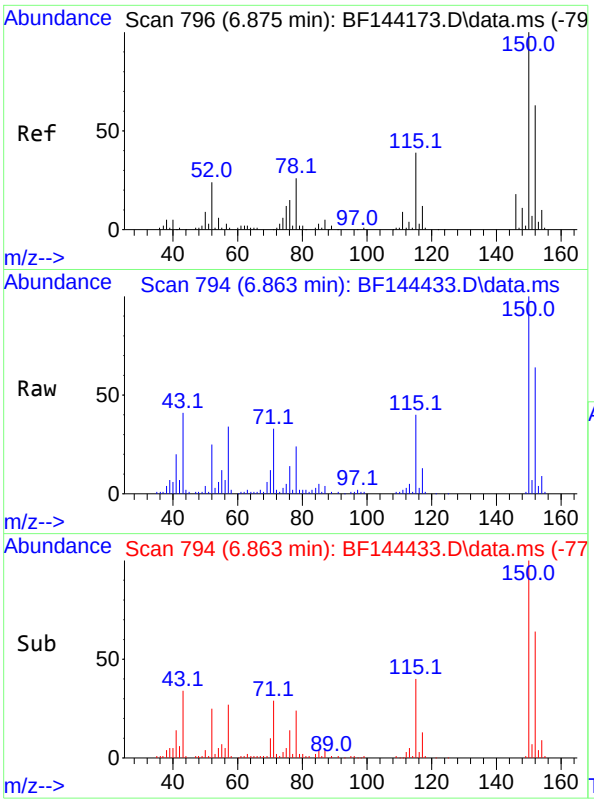
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
Data File : BF144433.D
Acq On : 04 Dec 2025 16:38
Operator : RC/JU
Sample : Q3770-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4207

Quant Time: Dec 04 17:05:19 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



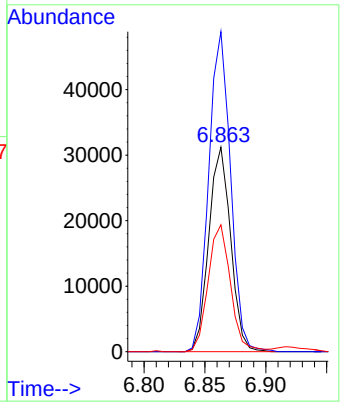


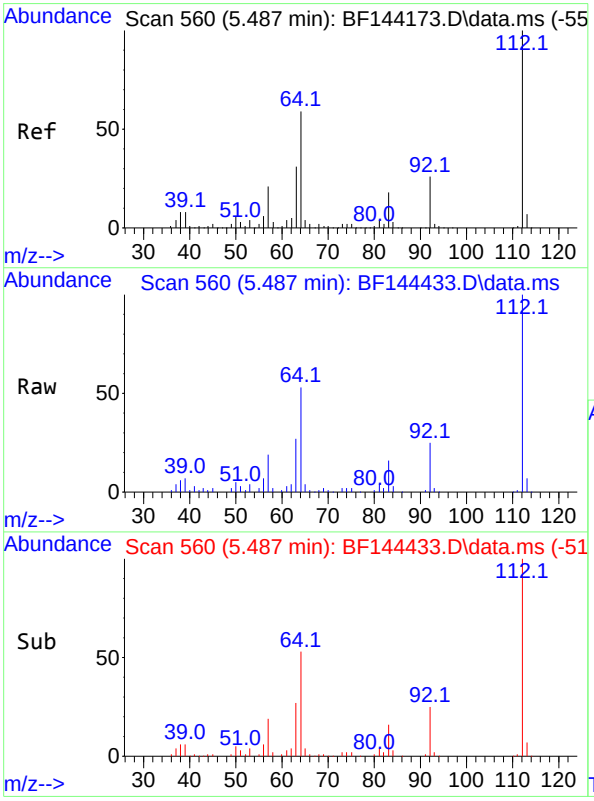
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:152 Resp: 38949

Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.4	191.0
115	62.1	49.5	74.3

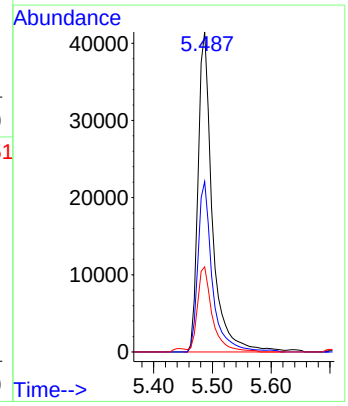


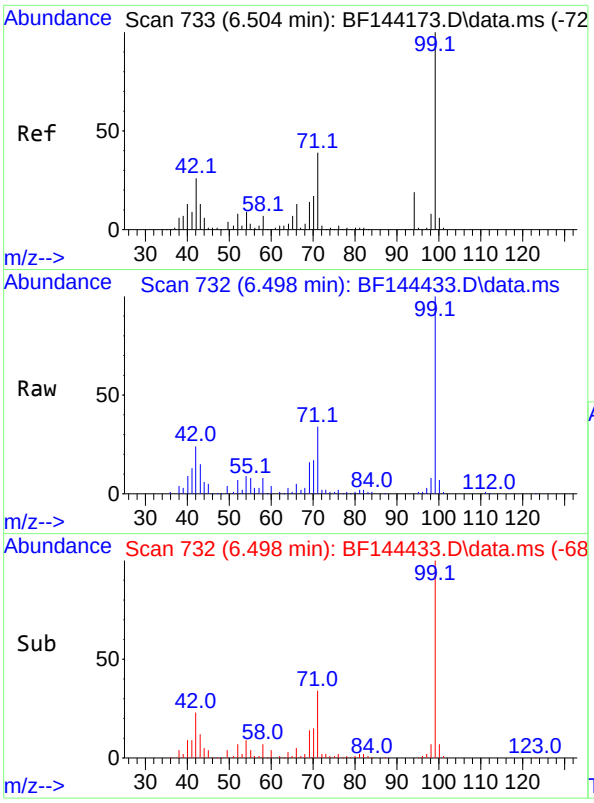


#5
2-Fluorophenol
Concen: 28.122 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:112 Resp: 69995

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.2	70.8
63	26.6	24.4	36.6



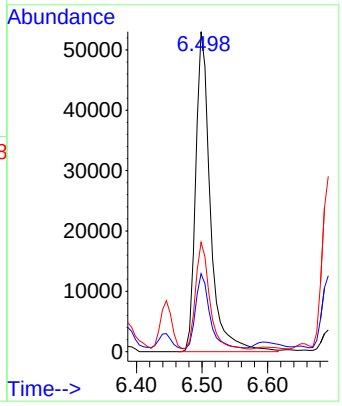


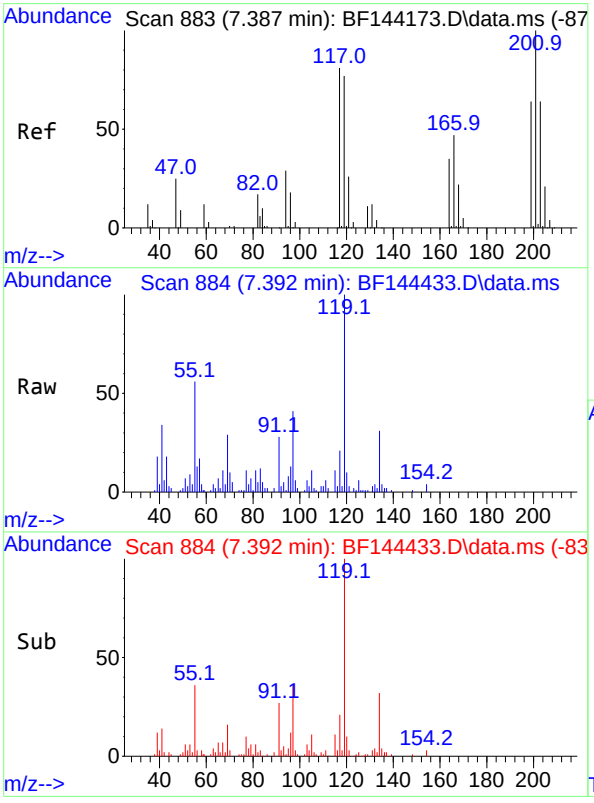
#7
Phenol-d6
Concen: 29.392 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion: 99 Resp: 82892

Ion	Ratio	Lower	Upper
99	100		
42	24.4	20.9	31.3
71	34.2	31.4	47.2

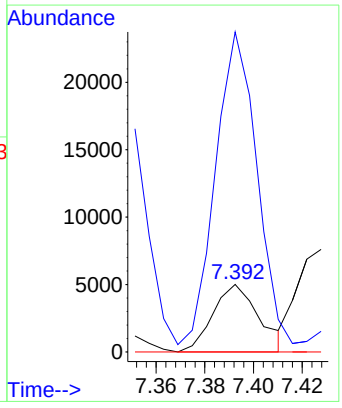


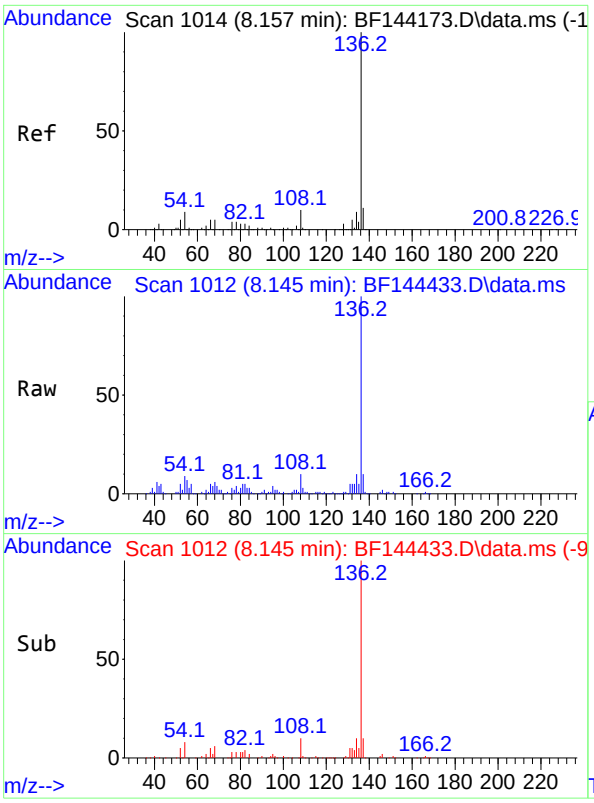


#18
Hexachloroethane
Concen: 6.563 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:117 Resp: 6580

Ion	Ratio	Lower	Upper
117	100		
119	473.6	75.8	113.8#
201	0.0	98.9	148.3#



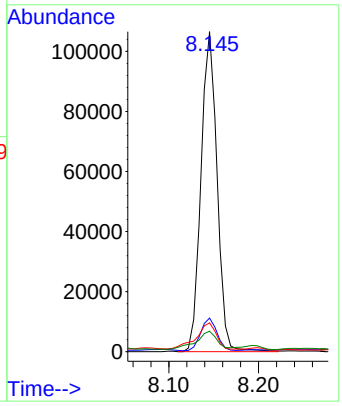


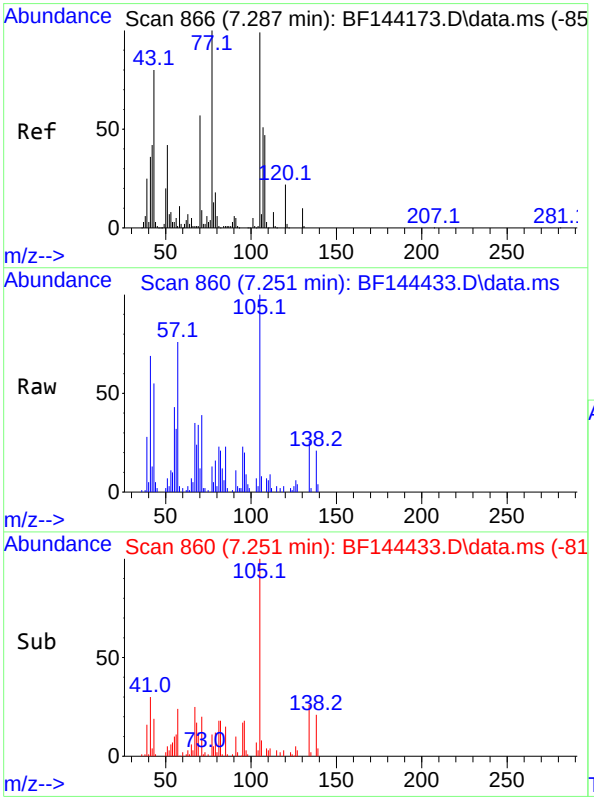
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:136 Resp: 132603

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.0	7.0	10.6
68	6.4	4.3	6.5

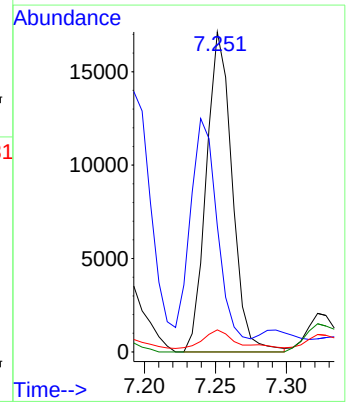


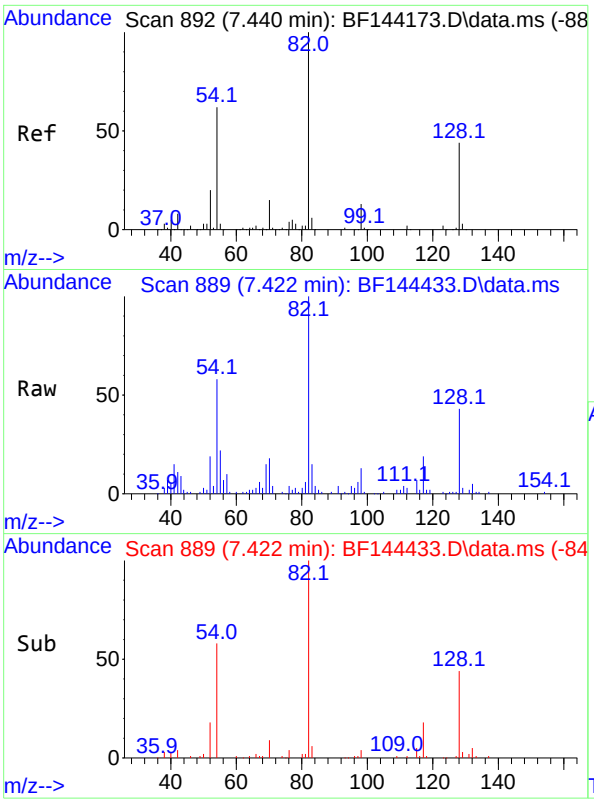


#22
Acetophenone
Concen: 7.631 ng
RT: 7.251 min Scan# 860
Delta R.T. -0.029 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:105 Resp: 21706

Ion	Ratio	Lower	Upper
105	100		
71	39.4	7.2	10.8#
51	6.9	34.0	51.0#
120	0.0	17.8	26.6#



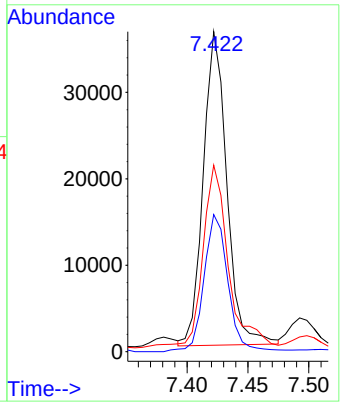


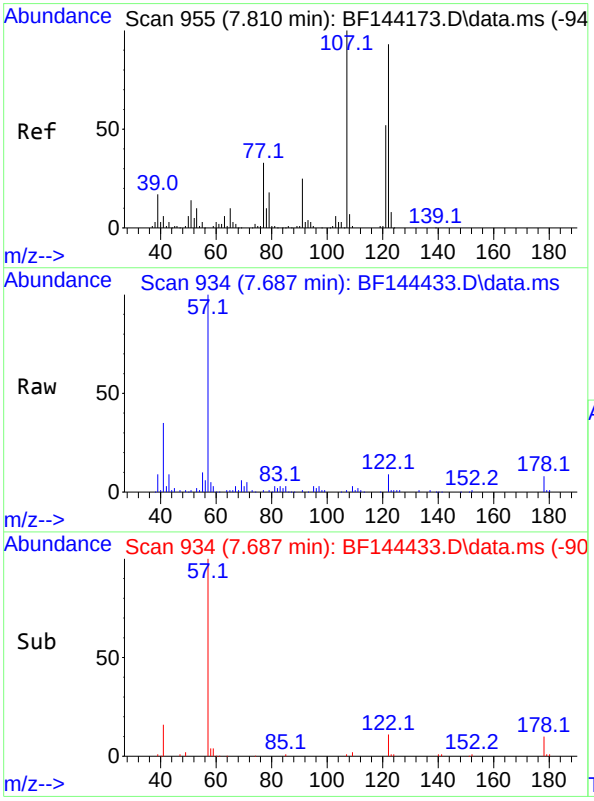
#23
Nitrobenzene-d5
Concen: 21.253 ng
RT: 7.422 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion: 82 Resp: 48796

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.7	52.1
54	58.3	49.5	74.3

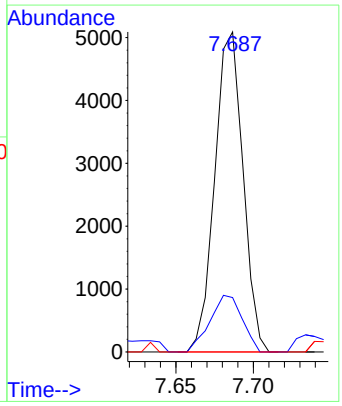


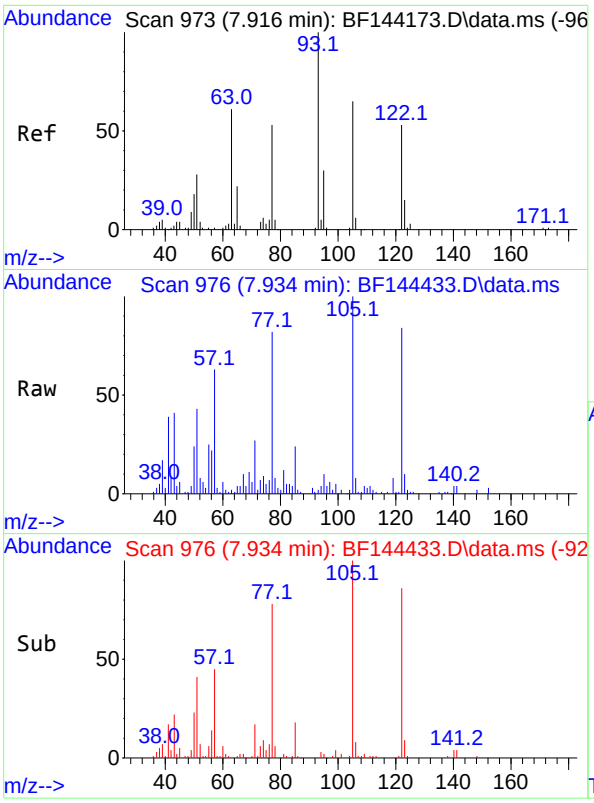


#27
2,4-Dimethylphenol
Concen: 3.489 ng
RT: 7.687 min Scan# 934
Delta R.T. -0.118 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:122 Resp: 6453

Ion	Ratio	Lower	Upper
122	100		
107	17.0	86.2	129.4#
121	0.0	44.6	66.8#



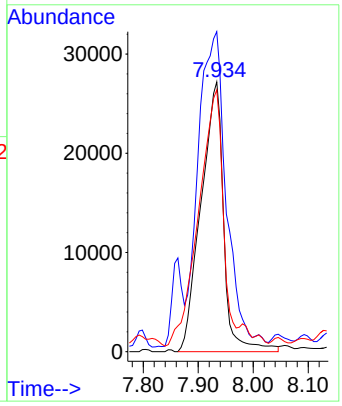


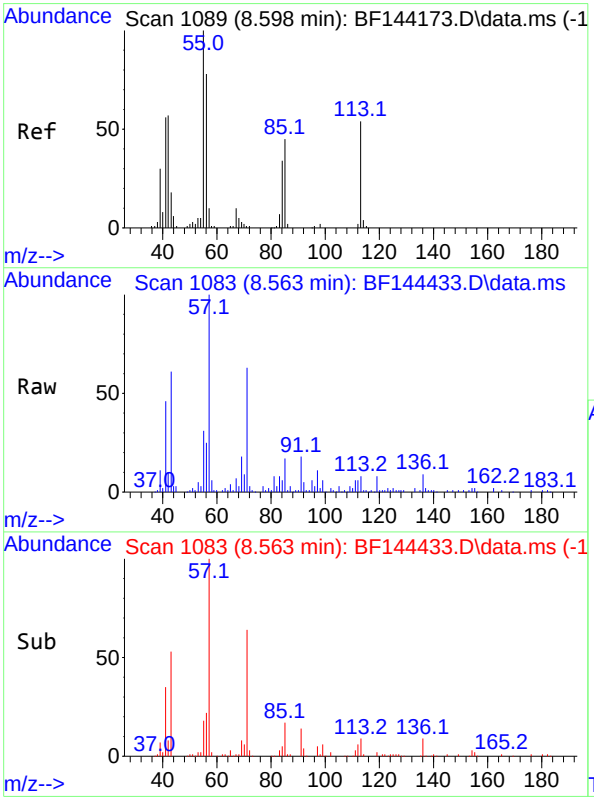
#32
Benzoic acid
Concen: 57.338 ng
RT: 7.934 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:122 Resp: 77737

Ion	Ratio	Lower	Upper
122	100		
105	118.7	99.9	139.9
77	97.1	77.5	117.5

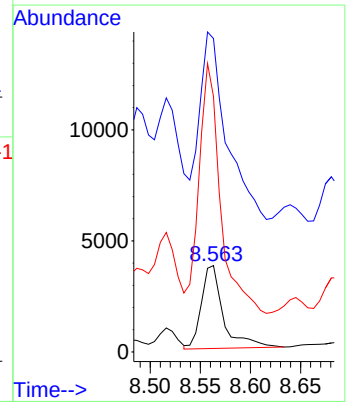


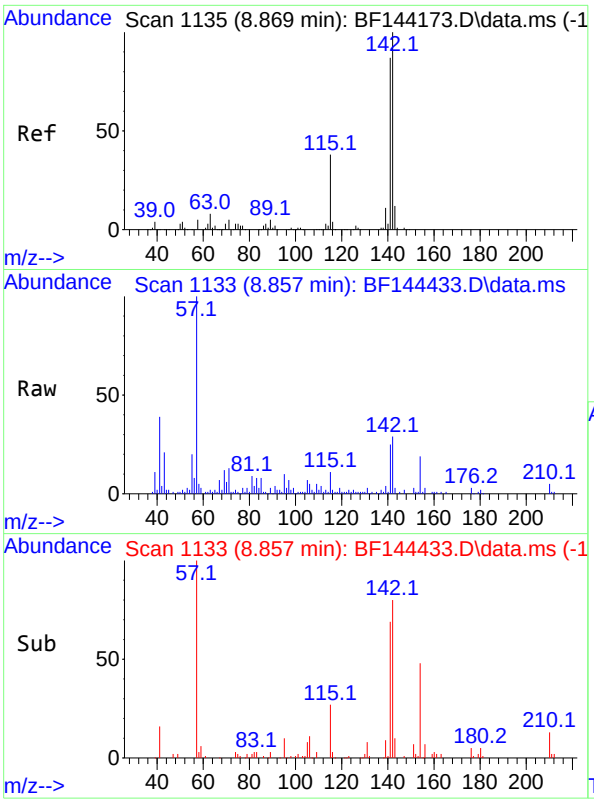


#35
Caprolactam
Concen: 9.761 ng
RT: 8.563 min Scan# 1083
Delta R.T. -0.059 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:113 Resp: 5701

Ion	Ratio	Lower	Upper
113	100		
55	362.7	166.8	206.8#
56	295.6	125.9	165.9#



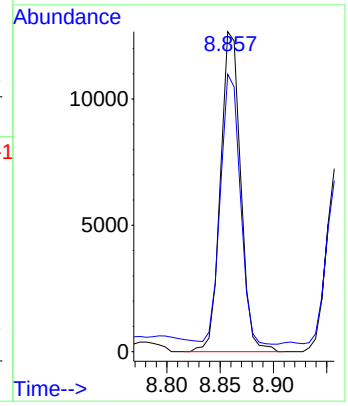


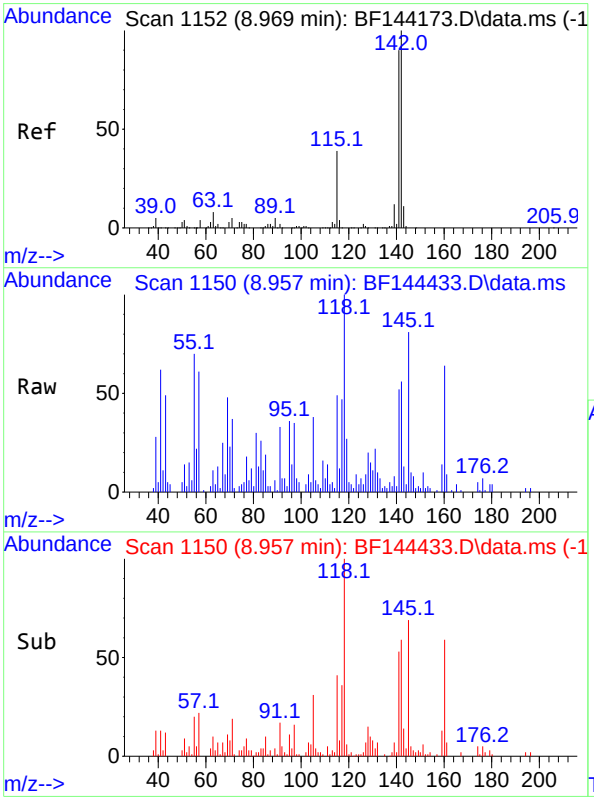
#37
2-Methylnaphthalene
Concen: 3.946 ng
RT: 8.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:142 Resp: 16643

Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.9	104.9

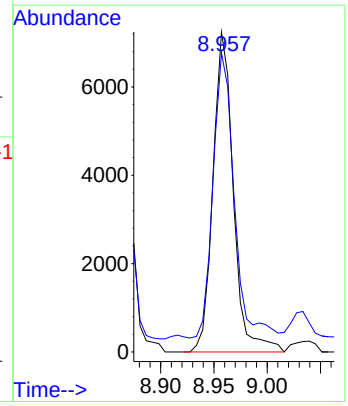


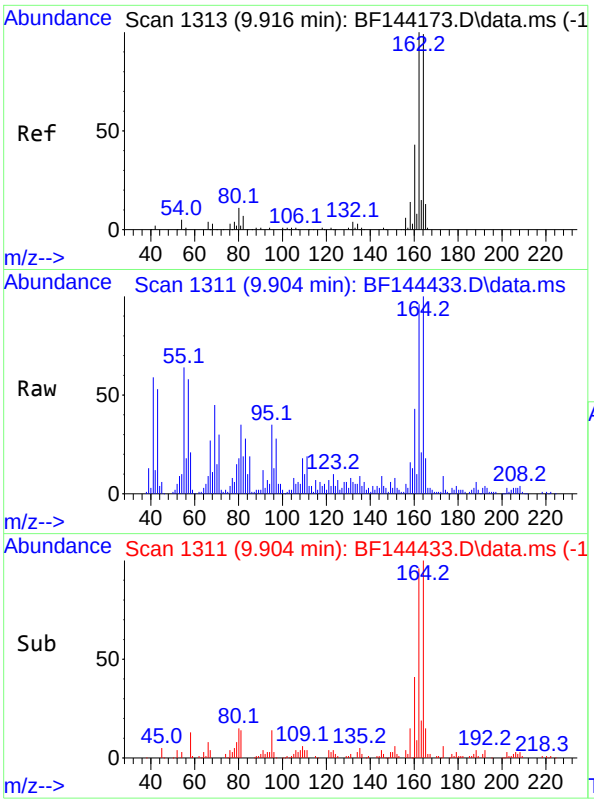


#38
1-Methylnaphthalene
Concen: 2.368 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:142 Resp: 9637

Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.1	108.1



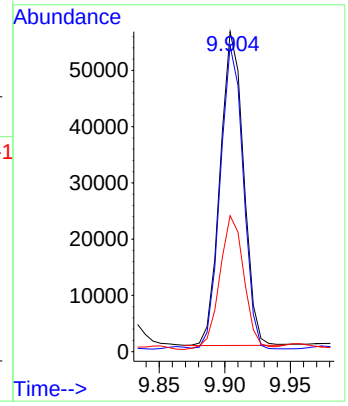


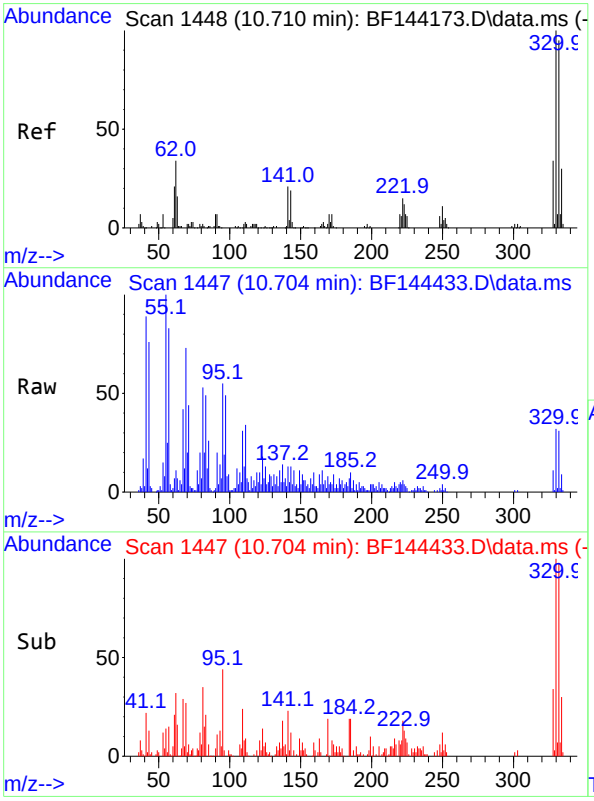
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:164 Resp: 69199

Ion	Ratio	Lower	Upper
164	100		
162	95.6	81.1	121.7
160	42.5	34.5	51.7

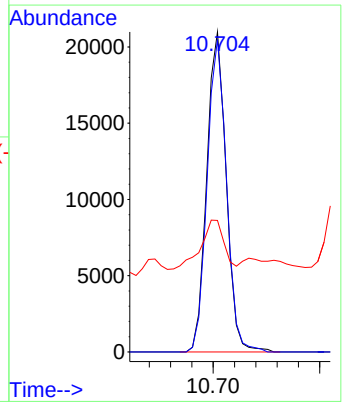


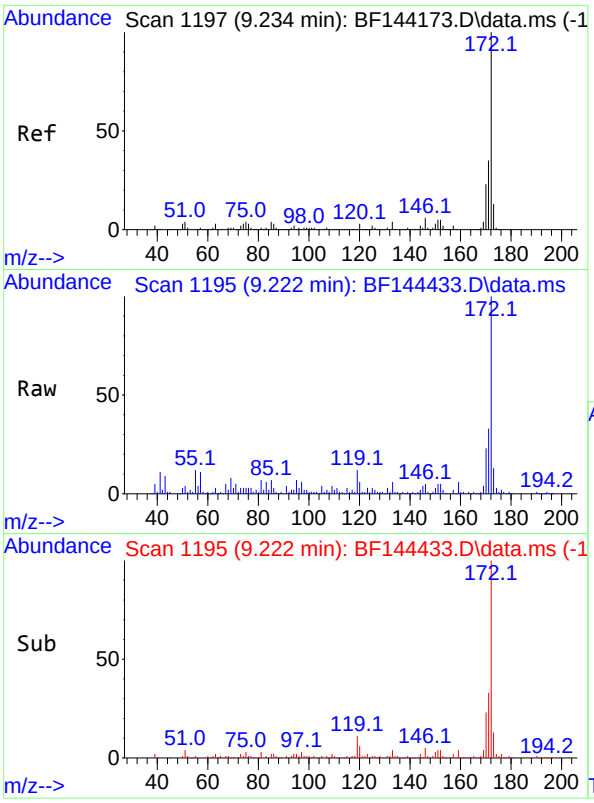


#42
2,4,6-Tribromophenol
Concen: 30.602 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:330 Resp: 26574

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.7	115.1
141	18.9	17.8	26.8



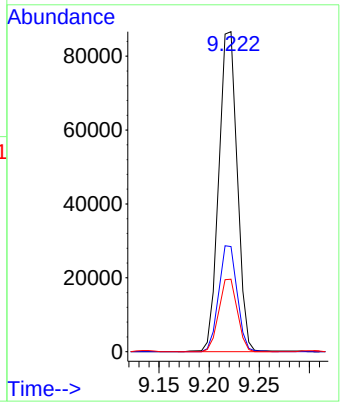


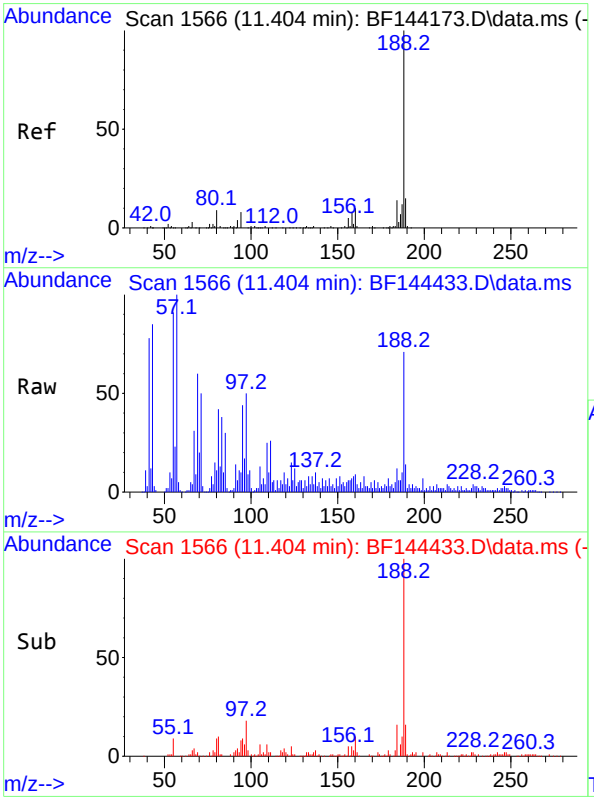
#45
2-Fluorobiphenyl
Concen: 23.621 ng
RT: 9.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:172 Resp: 110674

Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.1	42.1
170	22.7	18.6	28.0

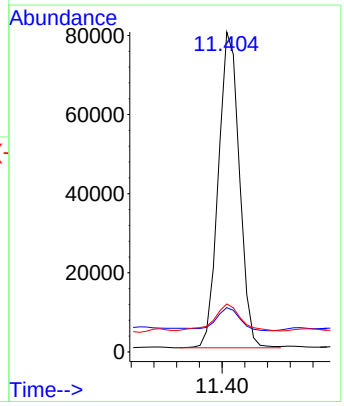


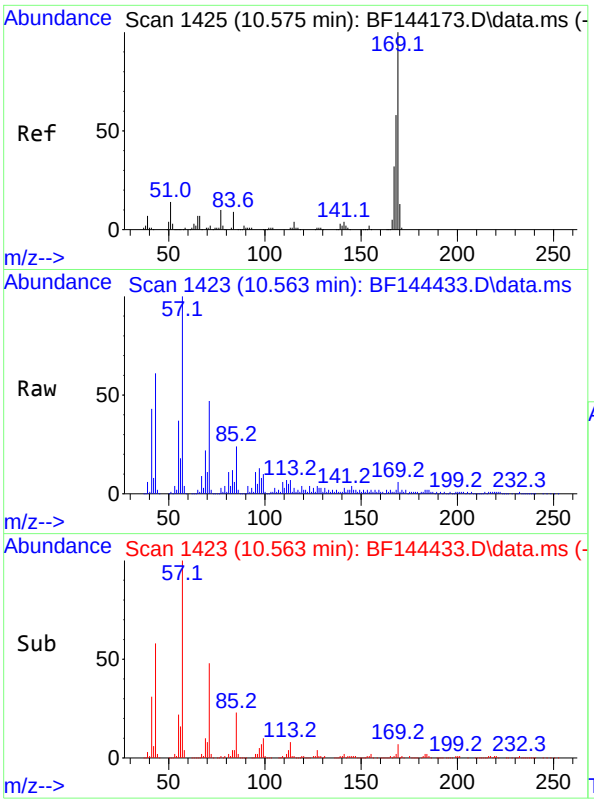


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:188 Resp: 102704

Ion	Ratio	Lower	Upper
188	100		
94	13.9	6.2	9.2#
80	15.0	6.9	10.3#



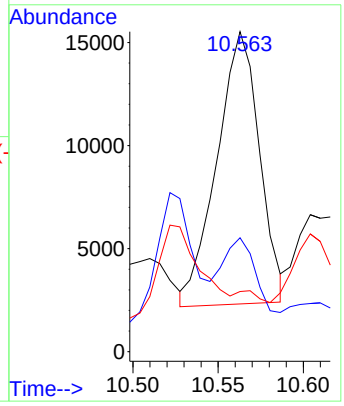


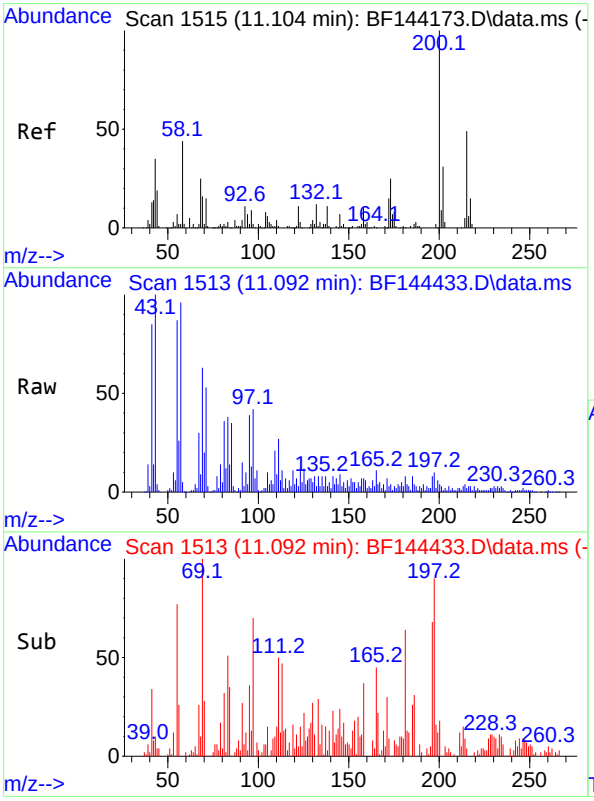
#66
n-Nitrosodiphenylamine
Concen: 6.947 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:169 Resp: 22949

Ion	Ratio	Lower	Upper
169	100		
168	35.6	46.2	69.2#
167	18.8	25.7	38.5#

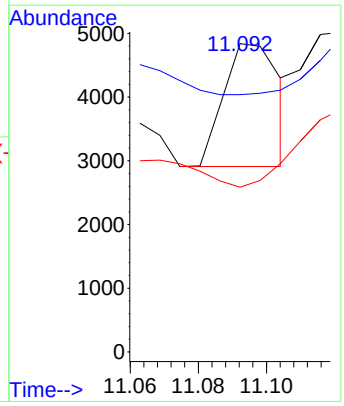


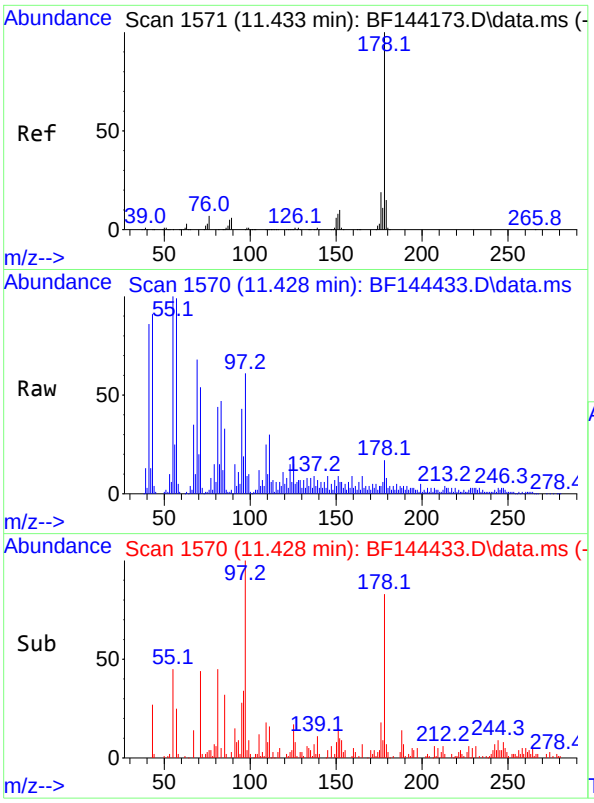


#69
Atrazine
Concen: 2.076 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:200 Resp: 2181

Ion	Ratio	Lower	Upper
200	100		
173	83.4	5.0	45.0#
215	53.5	28.7	68.7



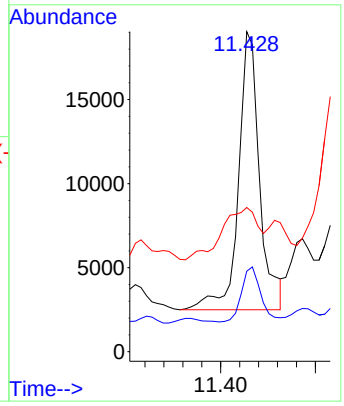


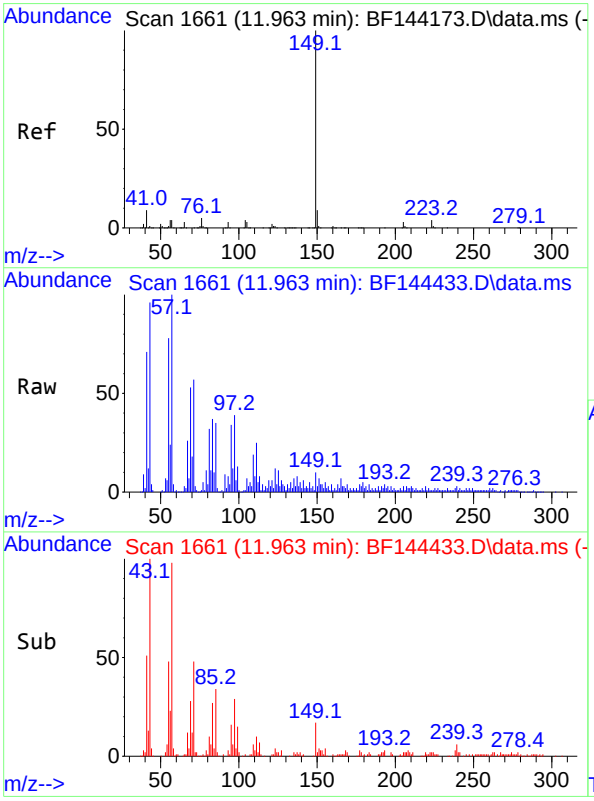
#71
Phenanthrene
Concen: 4.988 ng
RT: 11.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:178 Resp: 25504

Ion	Ratio	Lower	Upper
178	100		
176	25.1	15.5	23.3#
179	45.0	12.2	18.4#

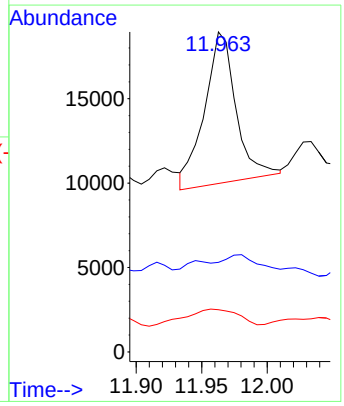


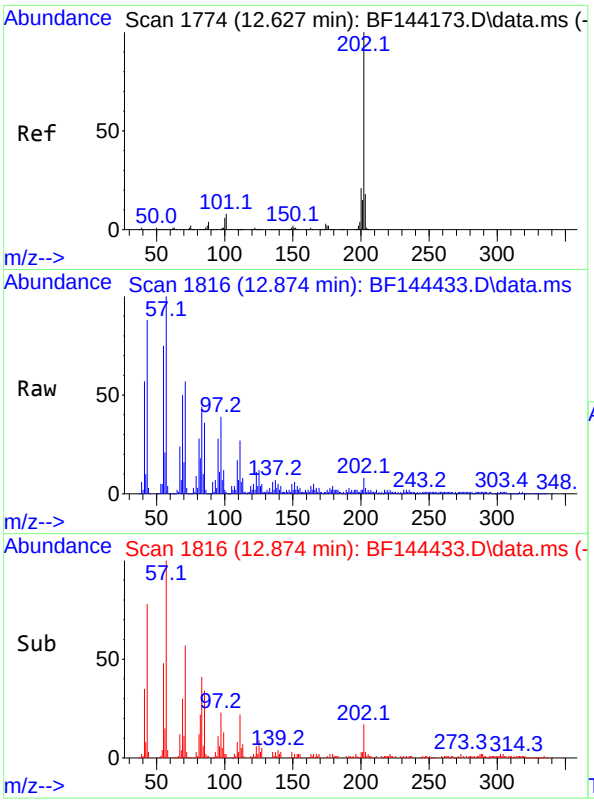


#74
Di-n-butylphthalate
Concen: 2.806 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:149 Resp: 14997

Ion	Ratio	Lower	Upper
149	100		
150	28.0	7.4	11.0#
104	13.2	3.4	5.2#



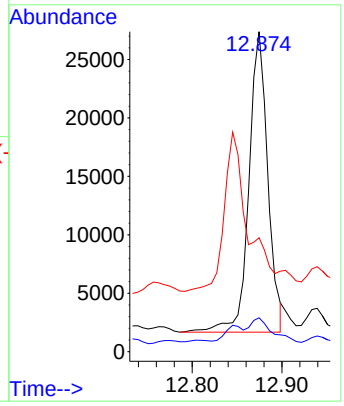


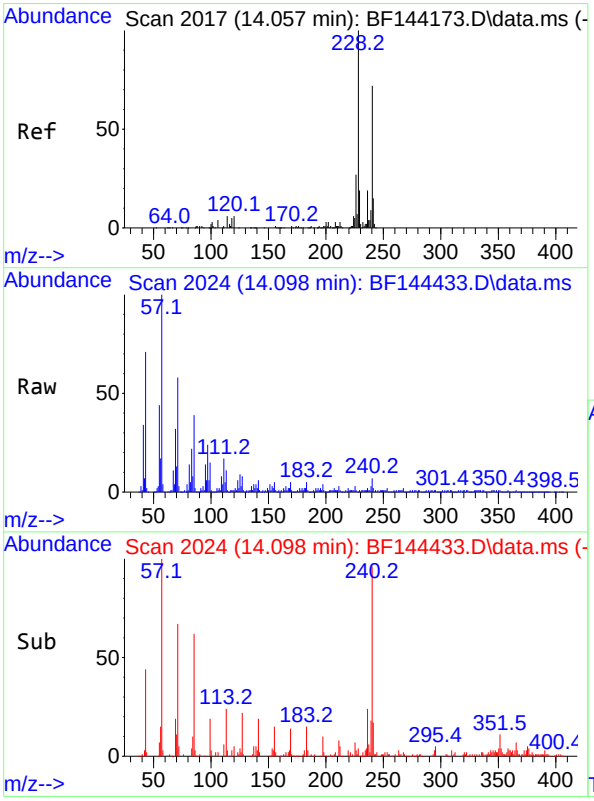
#75
Fluoranthene
Concen: 7.112 ng
RT: 12.874 min Scan# 1
Delta R.T. 0.253 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:202 Resp: 37565

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	27.9
203	35.6	0.0	37.5

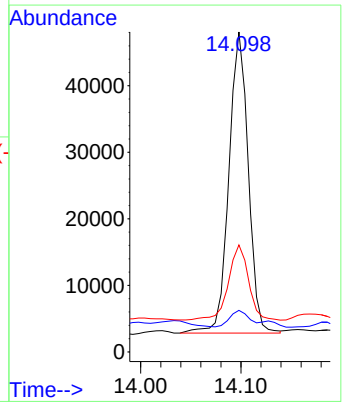


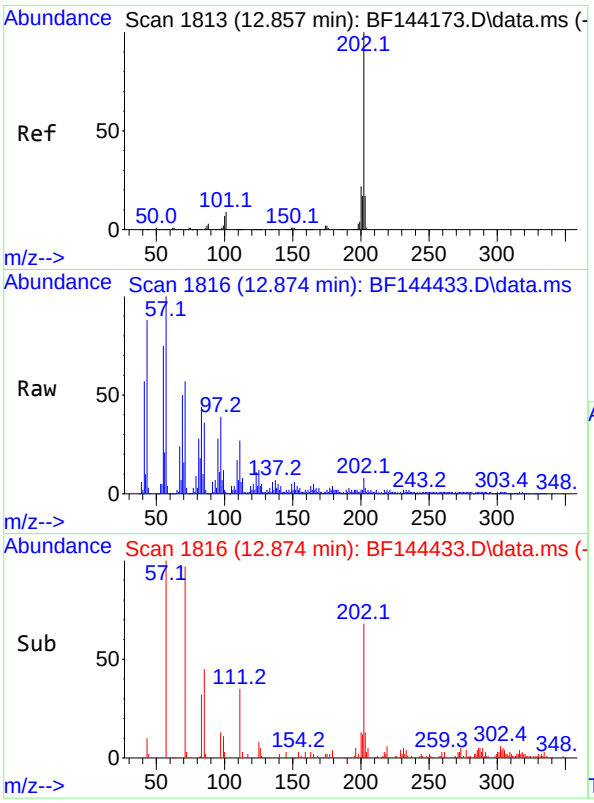


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.047 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:240 Resp: 60759

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.6	10.0#
236	33.5	21.4	32.2#



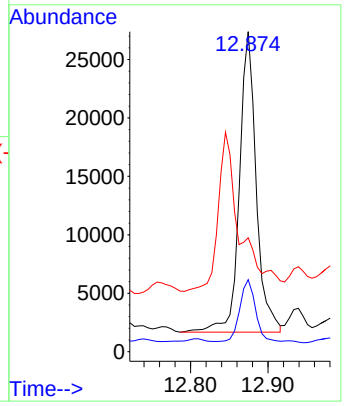


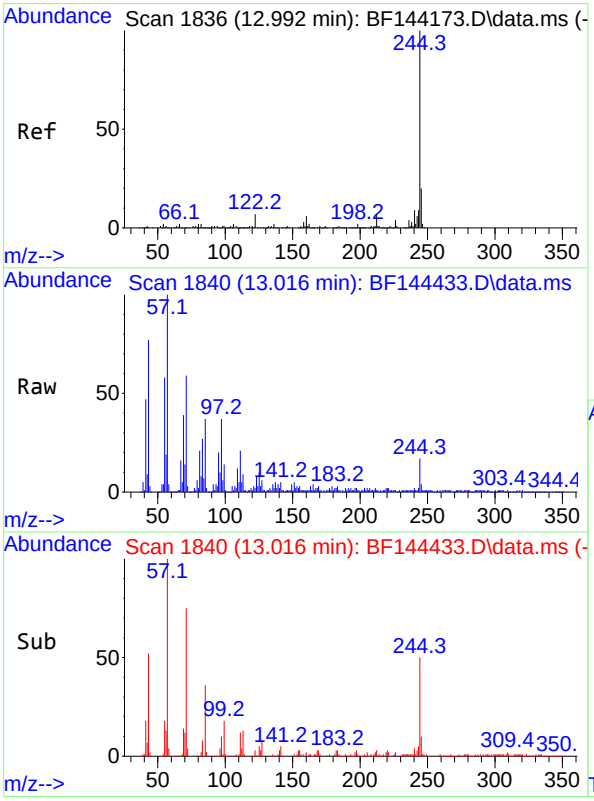
#78
Pyrene
Concen: 7.917 ng
RT: 12.874 min Scan# 1
Delta R.T. 0.023 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:202 Resp: 38787

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	35.6	13.7	20.5#

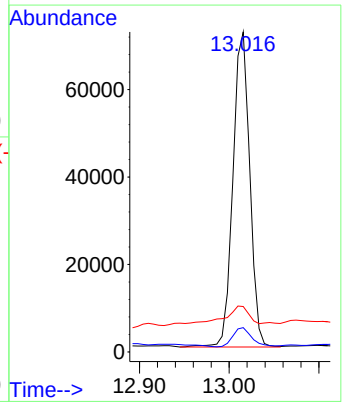


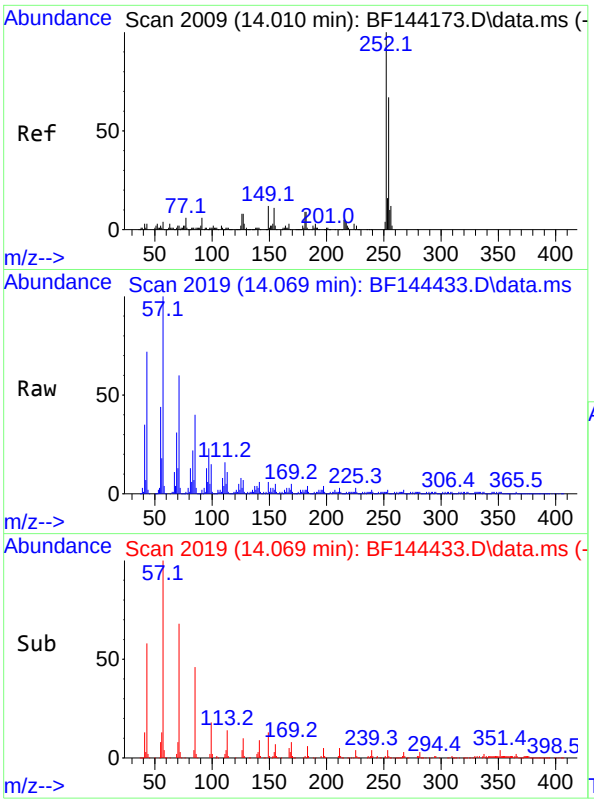


#79
Terphenyl-d14
Concen: 24.471 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.023 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:244 Resp: 93605

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.3	7.9
122	14.2	5.6	8.4#



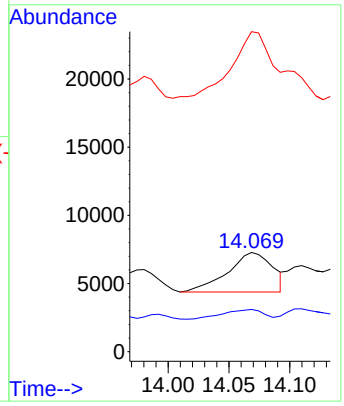


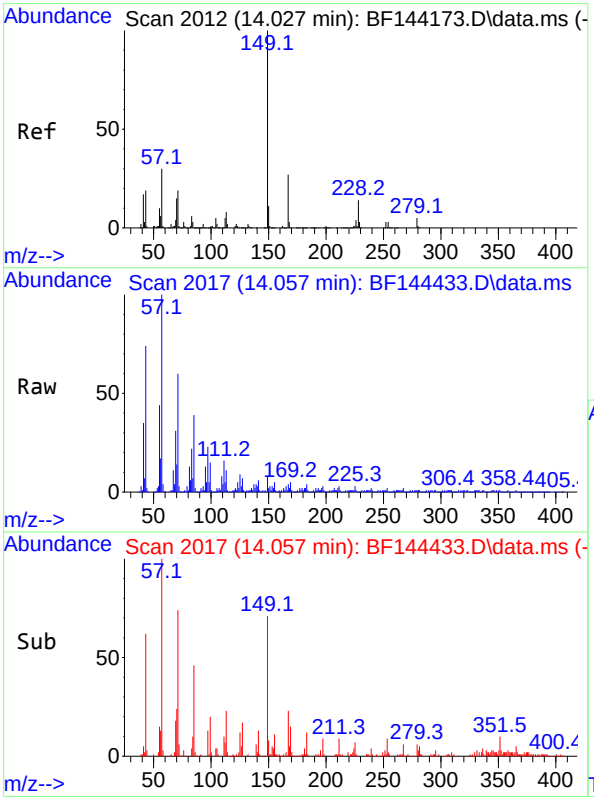
#82
3,3'-Dichlorobenzidine
Concen: 5.159 ng
RT: 14.069 min Scan# 2
Delta R.T. 0.059 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:252 Resp: 7446

Ion	Ratio	Lower	Upper
252	100		
254	42.6	53.5	80.3#
126	322.4	6.4	9.6#

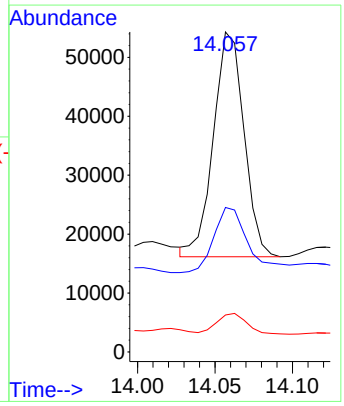


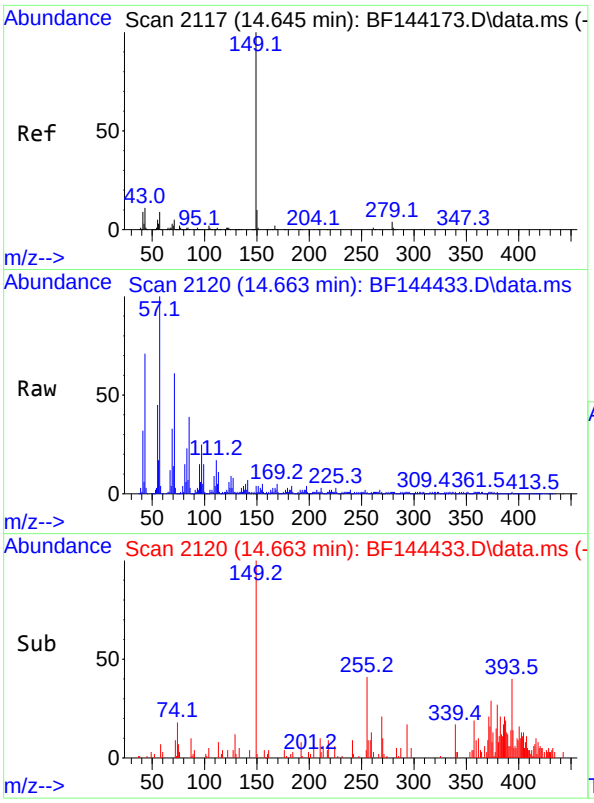


#84
Bis(2-ethylhexyl)phthalate
Concen: 22.526 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.029 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:149 Resp: 52357

Ion	Ratio	Lower	Upper
149	100		
167	45.1	21.8	32.8#
279	11.5	3.7	5.5#



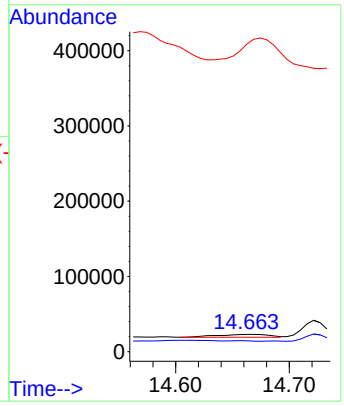


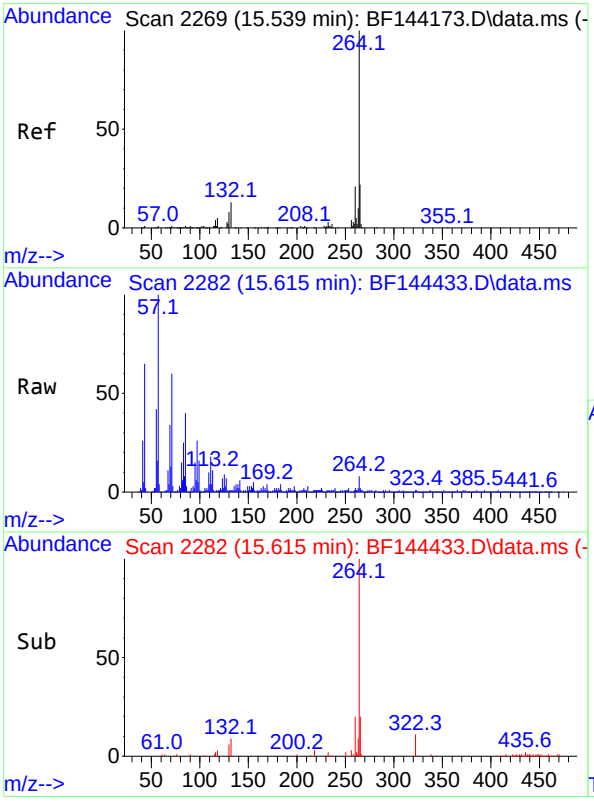
#85
Di-n-octyl phthalate
Concen: 3.103 ng
RT: 14.663 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Instrument :
BNA_F
ClientSampleId :
4207

Tgt Ion:149 Resp: 12443

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	795.7	9.0	13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. 0.076 min
Lab File: BF144433.D
Acq: 04 Dec 2025 16:38

Tgt Ion:264 Resp: 54465

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.1	25.7
265	26.0	17.4	26.0