Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
Data File : BF144190.D
Acq On : 06 Nov 2025 16:24
Operator : RC/JU
Sample : Q3534-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6

Quant Time: Nov 06 16:56:21 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	6.875	152	57037	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	196724	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	96960	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	143872	20.000	ng		0.00
76) Chrysene-d12	14.051	240	165200	20.000	ng		0.00
86) Perylene-d12	15.539	264	216482	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	258087	70.809	ng		0.00
7) Phenol-d6	6.498	99	180103	43.610	ng		0.00
23) Nitrobenzene-d5	7.434	82	326903	95.973	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	150025	123.301	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	620269	94.482	ng		0.00
79) Terphenyl-d14	12.992	244	637571	61.303	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	33998	22.562	ng		98
13) 1,4-Dichlorobenzene	6.892	146	14271	3.230	ng		97
14) 1,2-Dichlorobenzene	7.040	146	8981	2.120	ng		94
25) Isophorone	7.434	82	325104	50.460	ng	#	66
36) 4-Chloro-3-methylphenol	8.722	107	76857	27.116	ng	#	19
50) Dimethylphthalate	9.822	163	45725	7.118	ng	#	89
53) 3-Nitroaniline	9.645	138	106889	75.198	ng	#	1
66) n-Nitrosodiphenylamine	10.569	169	60839	13.148	ng		98
67) 4-Bromophenyl-phenylether	10.704	248	7832	4.265	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 06 Nov 2025 16:24
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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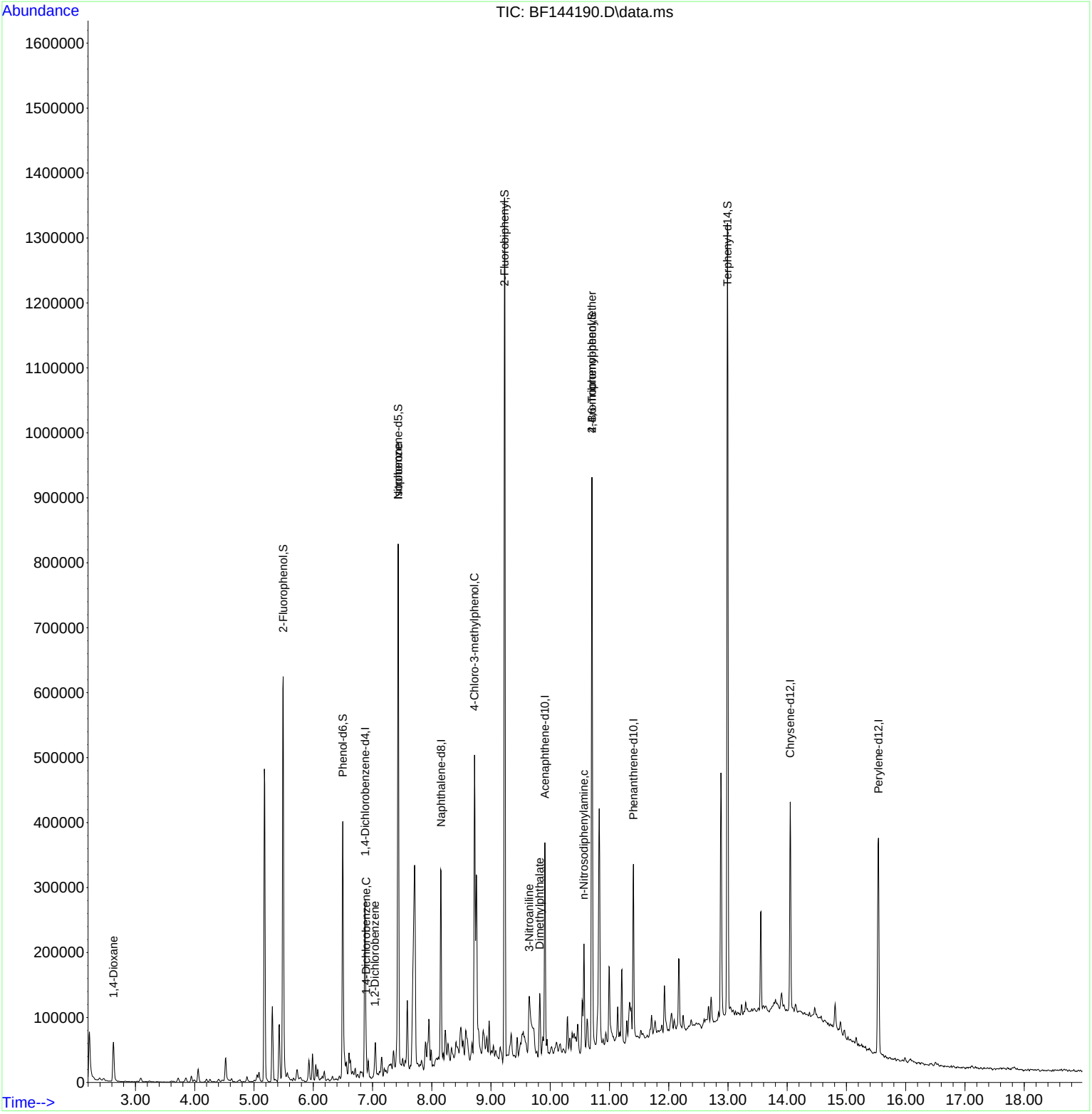
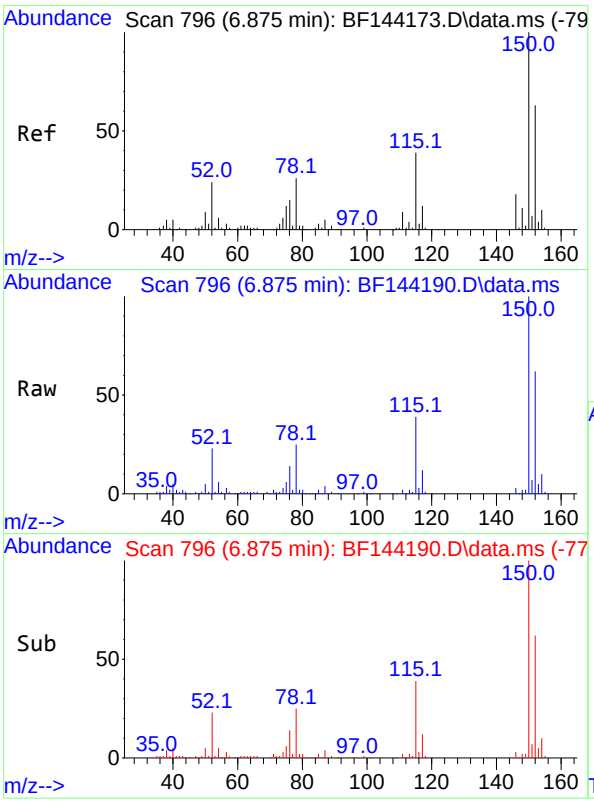


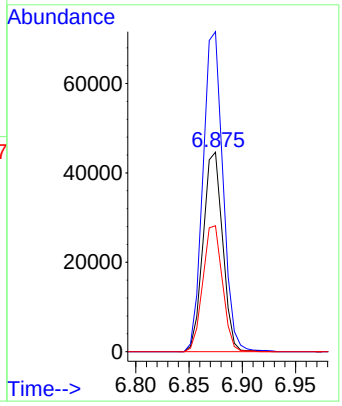


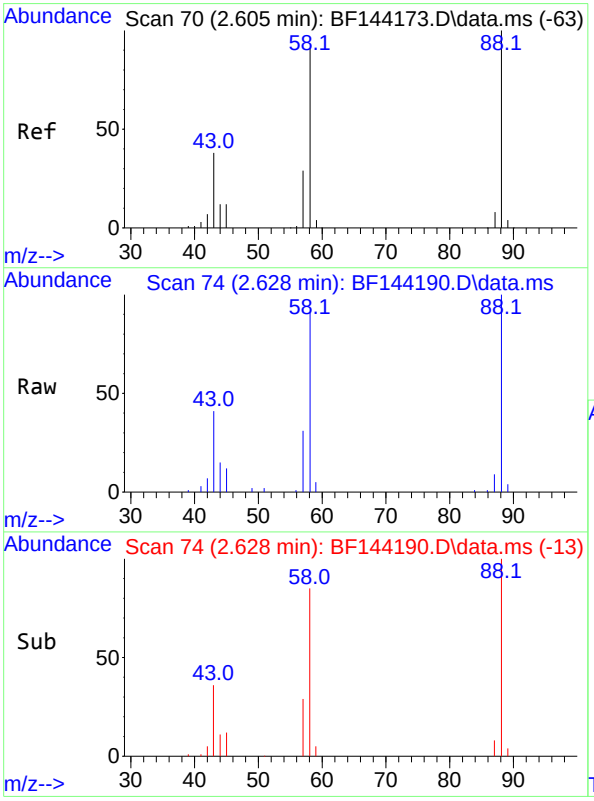
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 57037

Ion	Ratio	Lower	Upper
152	100		
150	160.3	127.4	191.0
115	63.1	49.5	74.3

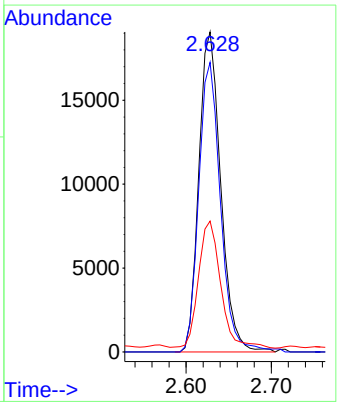


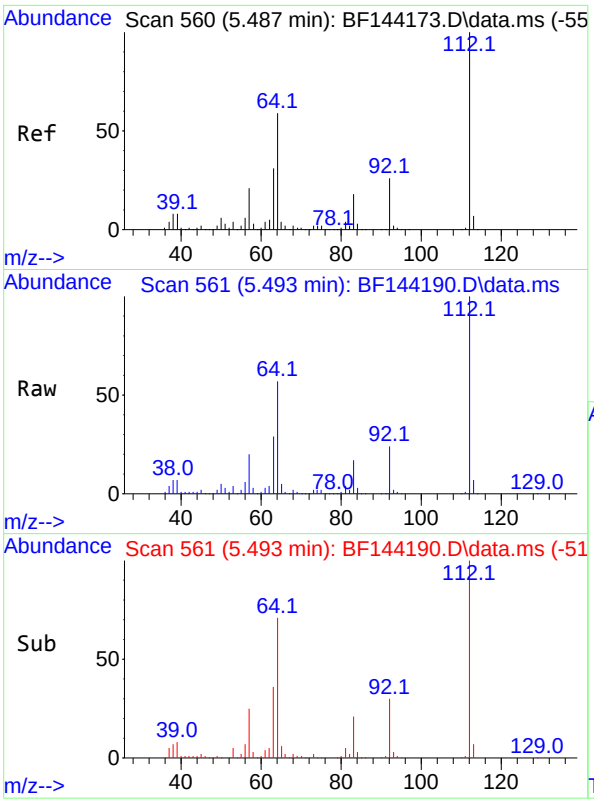


#2
1,4-Dioxane
Concen: 22.562 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion: 88 Resp: 33998

Ion	Ratio	Lower	Upper
88	100		
58	90.4	73.1	109.7
43	40.4	31.0	46.6



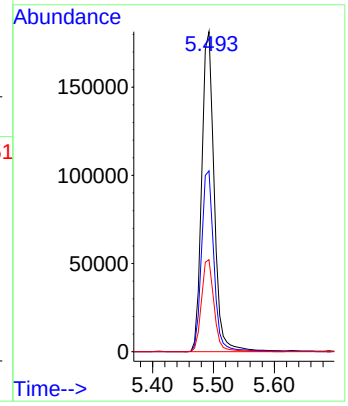


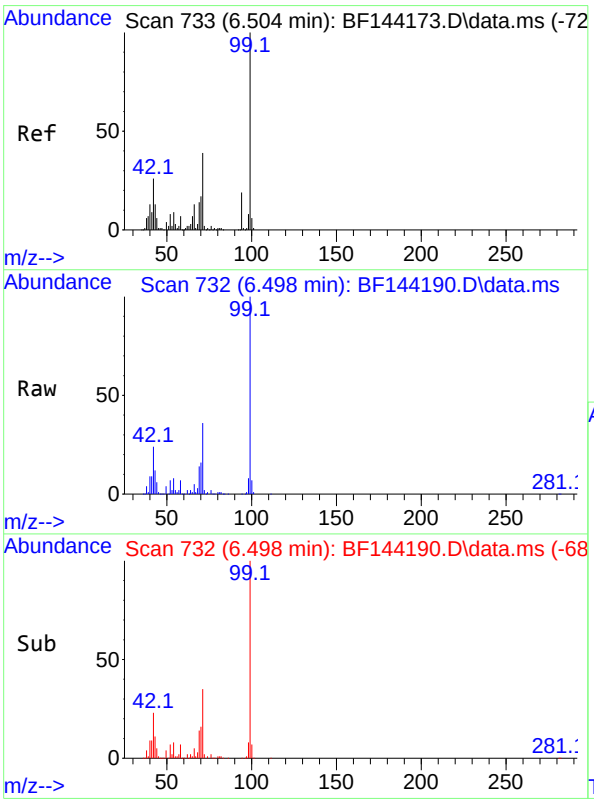
#5
2-Fluorophenol
Concen: 70.809 ng
RT: 5.493 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:112 Resp: 258087

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.2	70.8
63	28.7	24.4	36.6

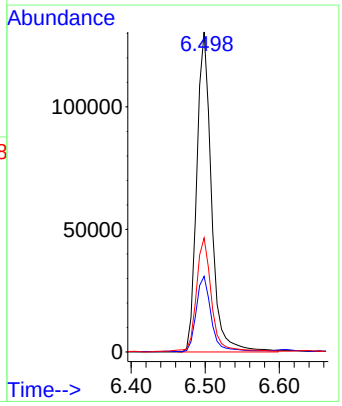


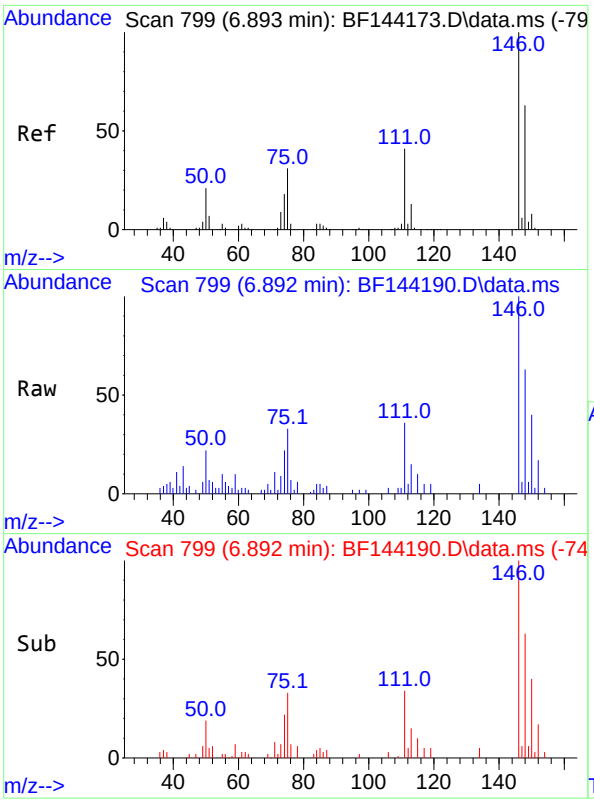


#7
Phenol-d6
Concen: 43.610 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion: 99 Resp: 180103

Ion	Ratio	Lower	Upper
99	100		
42	23.7	20.9	31.3
71	35.7	31.4	47.2



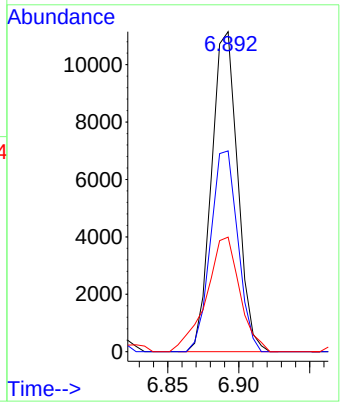


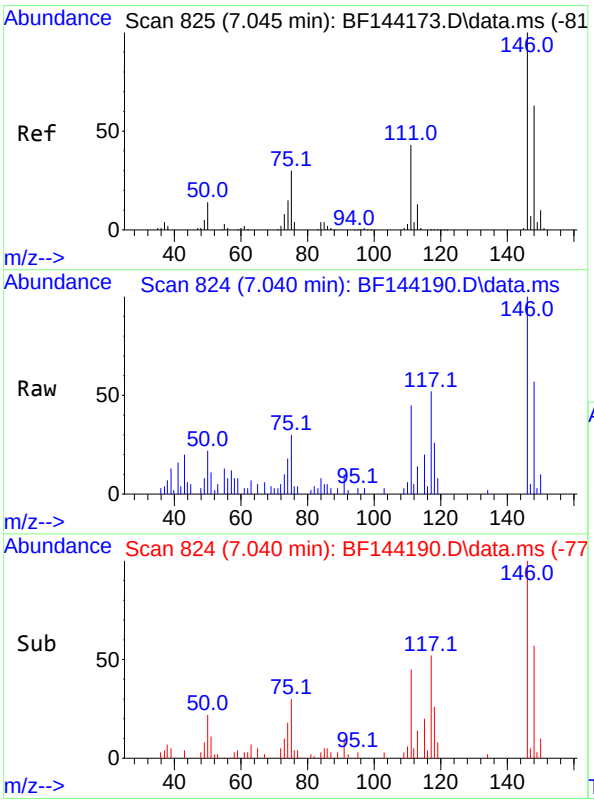
#13
1,4-Dichlorobenzene
Concen: 3.230 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:146 Resp: 14271

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.2	75.2
111	35.8	32.6	48.8

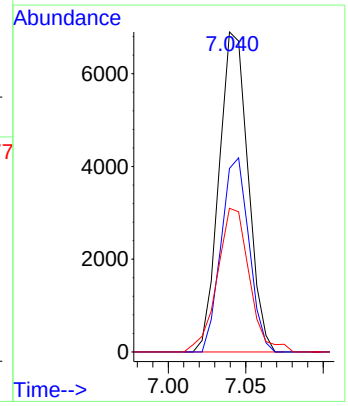


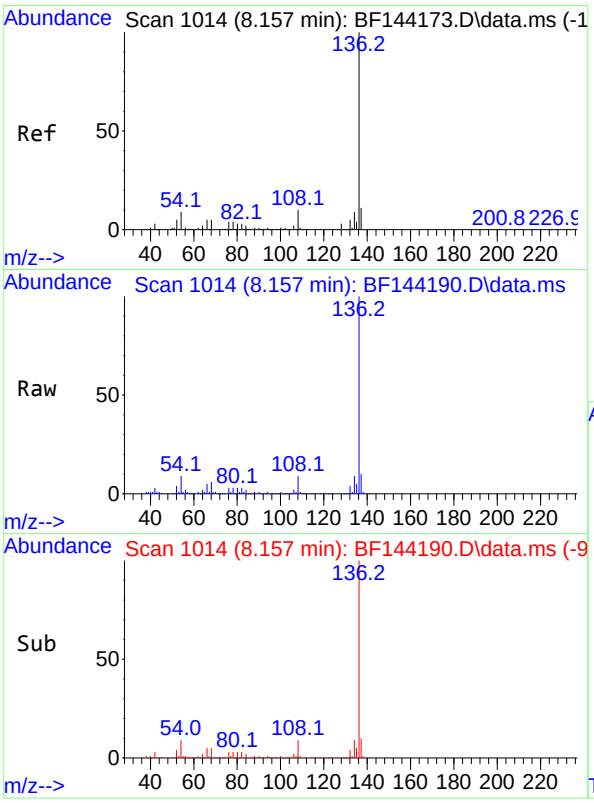


#14
1,2-Dichlorobenzene
Concen: 2.120 ng
RT: 7.040 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:146 Resp: 8981

Ion	Ratio	Lower	Upper
146	100		
148	57.4	50.7	76.1
111	44.9	34.2	51.4



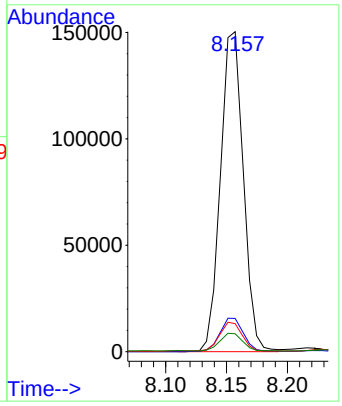


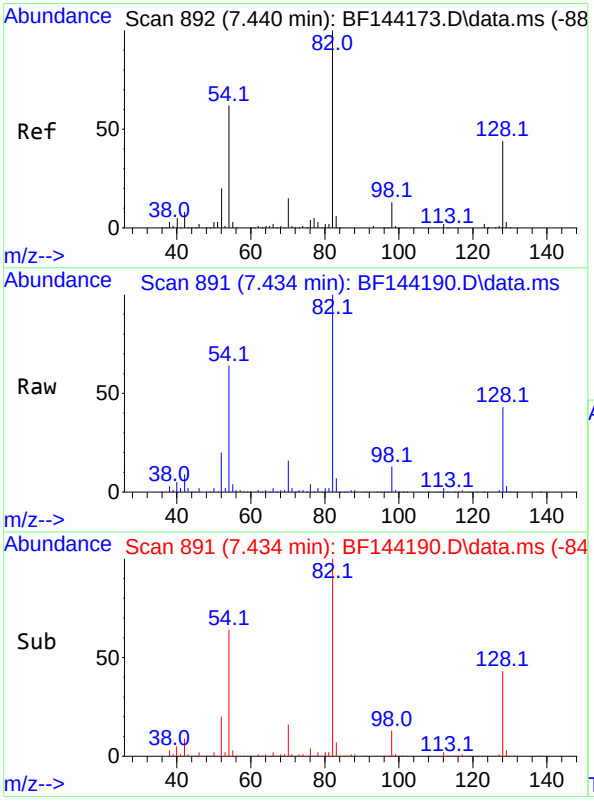
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:136 Resp: 196724

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.8	7.0	10.6
68	5.6	4.3	6.5

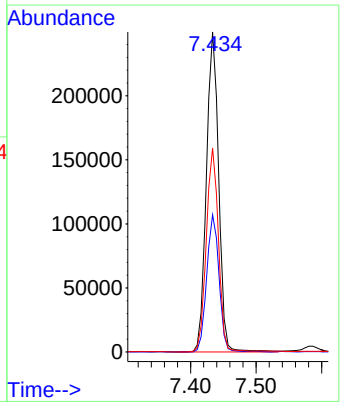


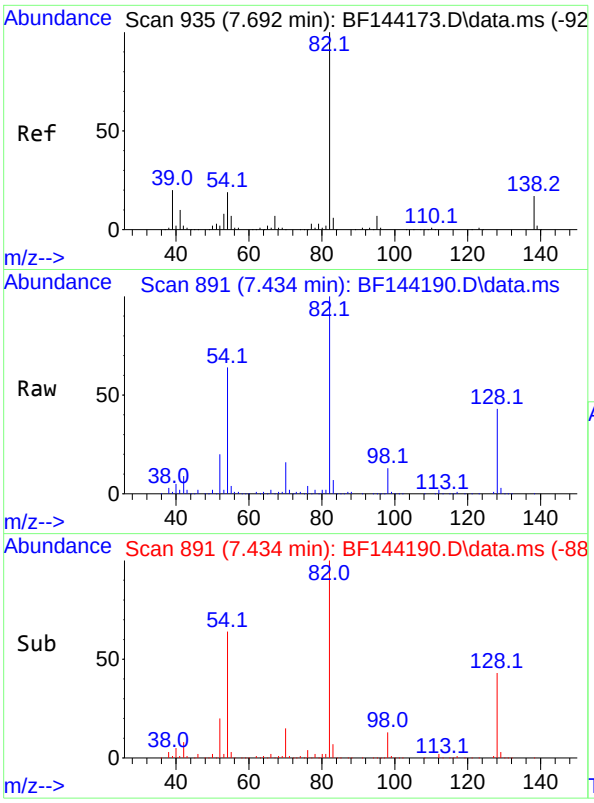


#23
Nitrobenzene-d5
Concen: 95.973 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion: 82 Resp: 326903

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.7	52.1
54	63.7	49.5	74.3



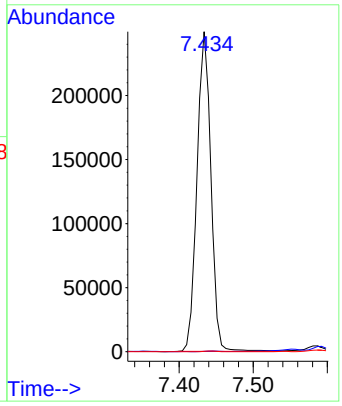


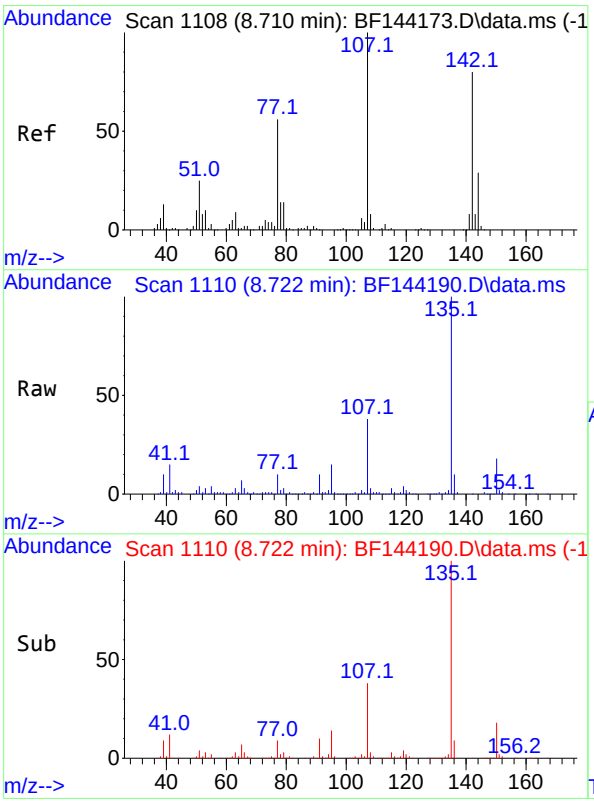
#25
Isophorone
Concen: 50.460 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.253 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 82 Resp: 325104

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.1	13.7	20.5#

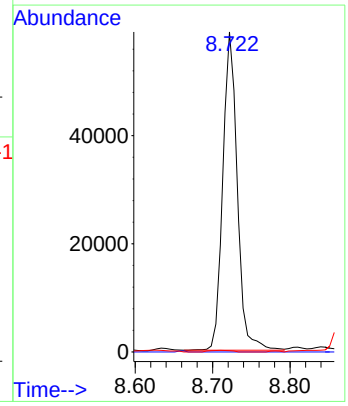


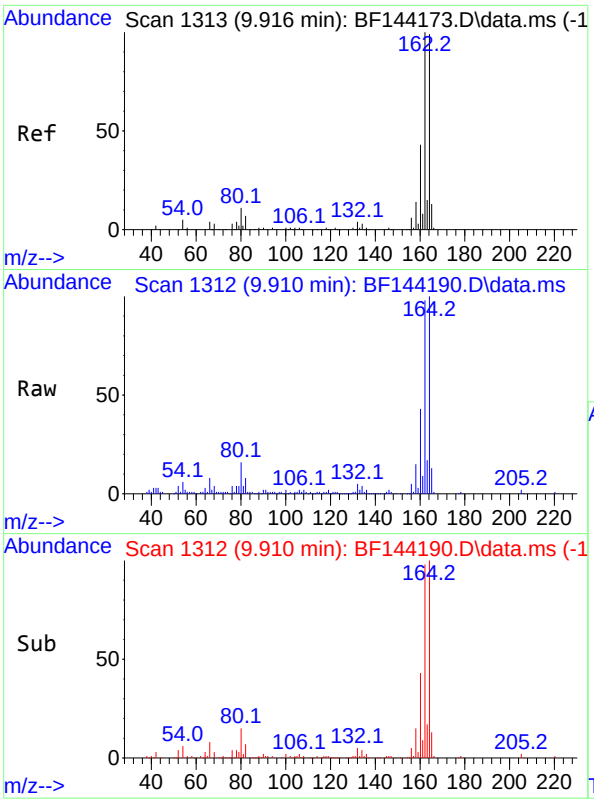


#36
4-Chloro-3-methylphenol
Concen: 27.116 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.018 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:107 Resp: 76857

Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	0.4	63.8	95.6#



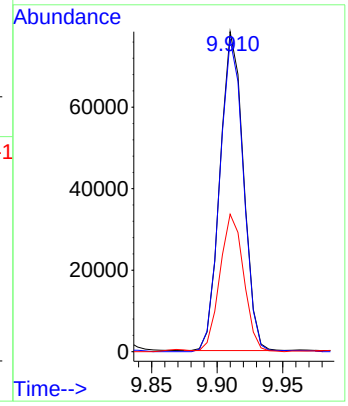


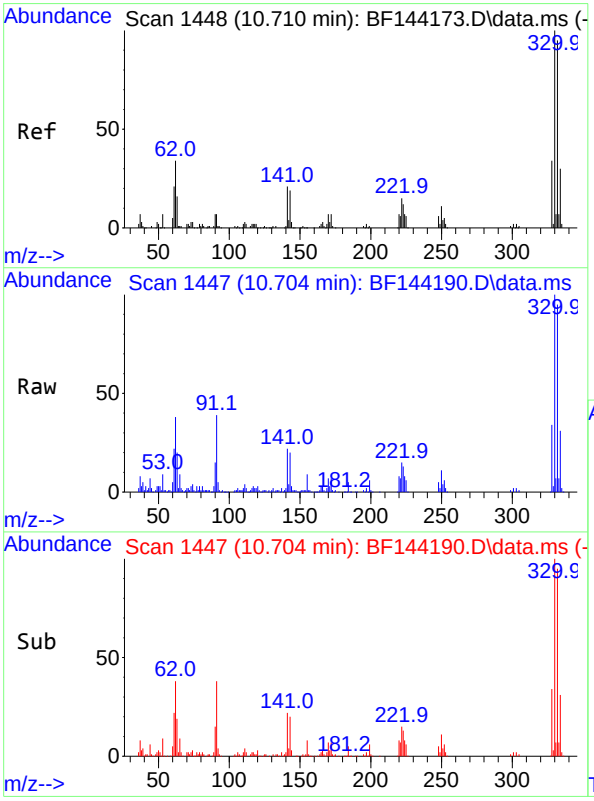
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:164 Resp: 96960

Ion	Ratio	Lower	Upper
164	100		
162	97.7	81.1	121.7
160	43.0	34.5	51.7

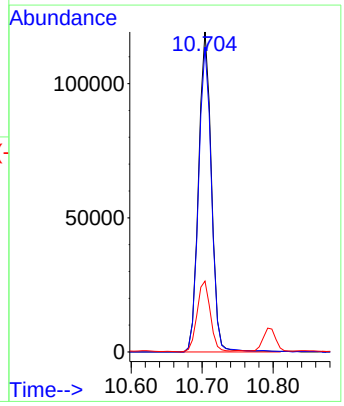


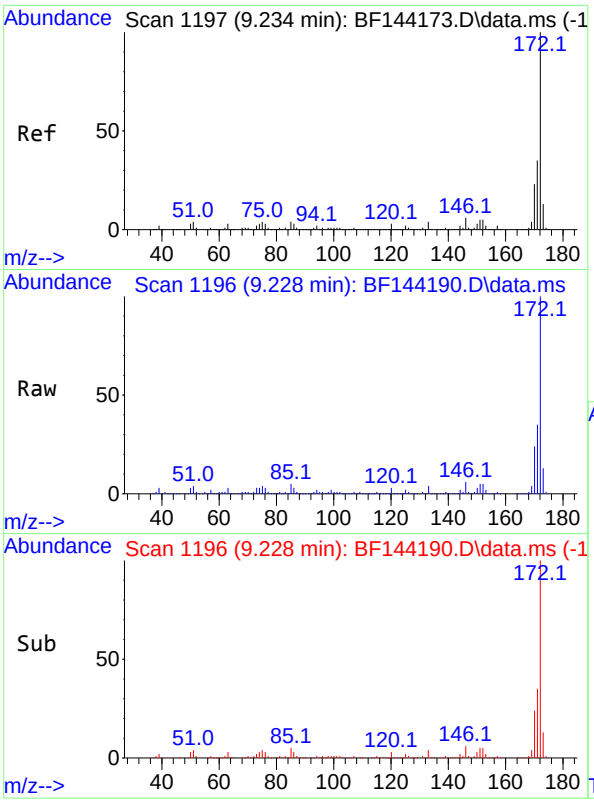


#42
2,4,6-Tribromophenol
Concen: 123.301 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:330 Resp: 150025

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	23.1	17.8	26.8



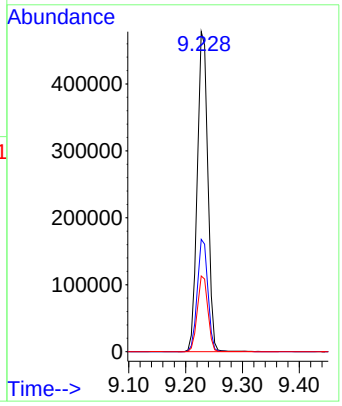


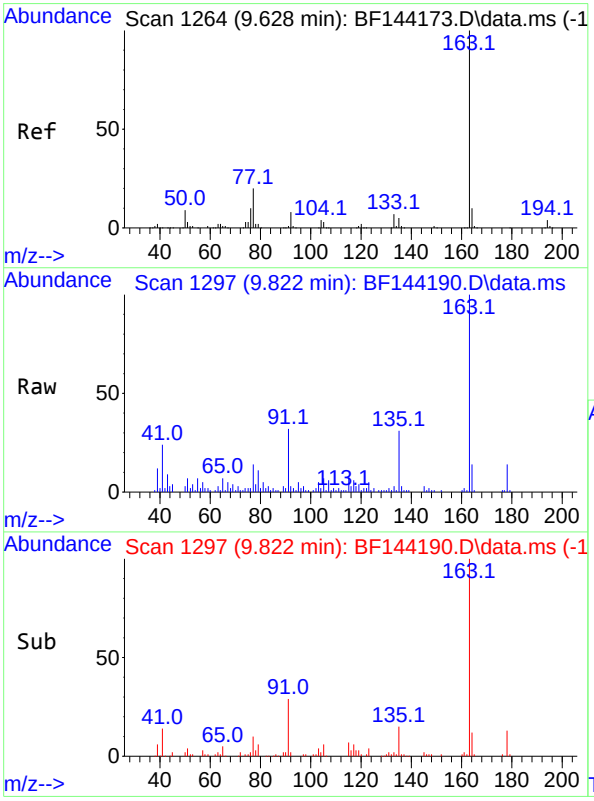
#45
2-Fluorobiphenyl
Concen: 94.482 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:172 Resp: 620269

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.7	18.6	28.0

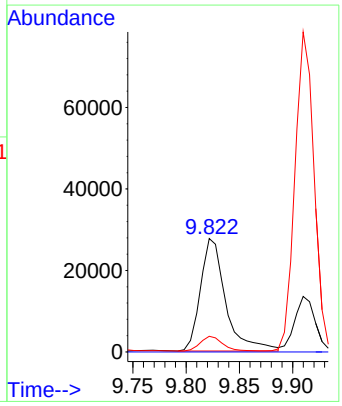


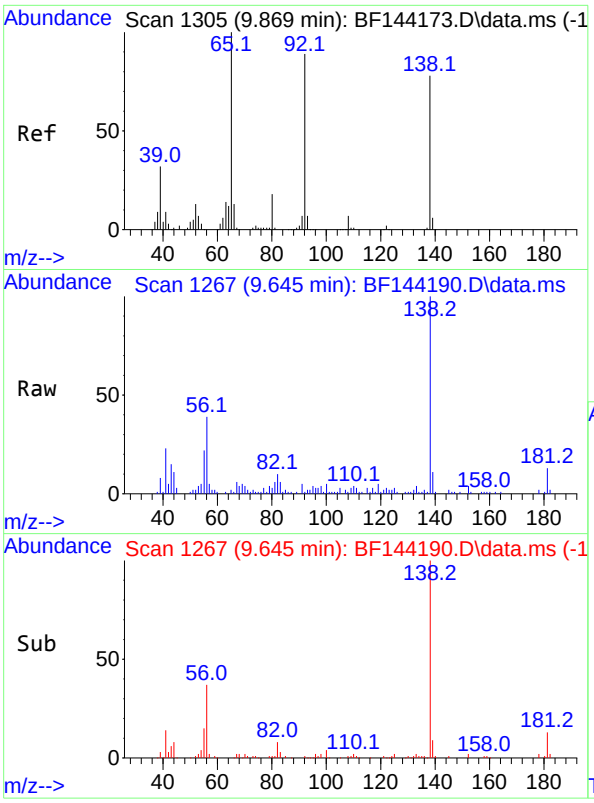


#50
Dimethylphthalate
Concen: 7.118 ng
RT: 9.822 min Scan# 1297
Delta R.T. 0.194 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:163 Resp: 45725

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	13.8	8.1	12.1#



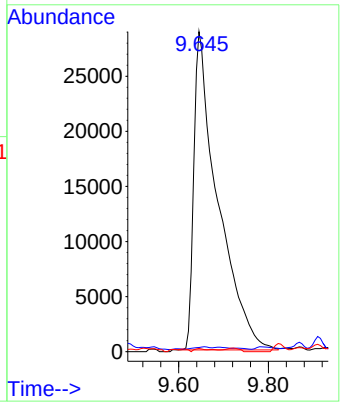


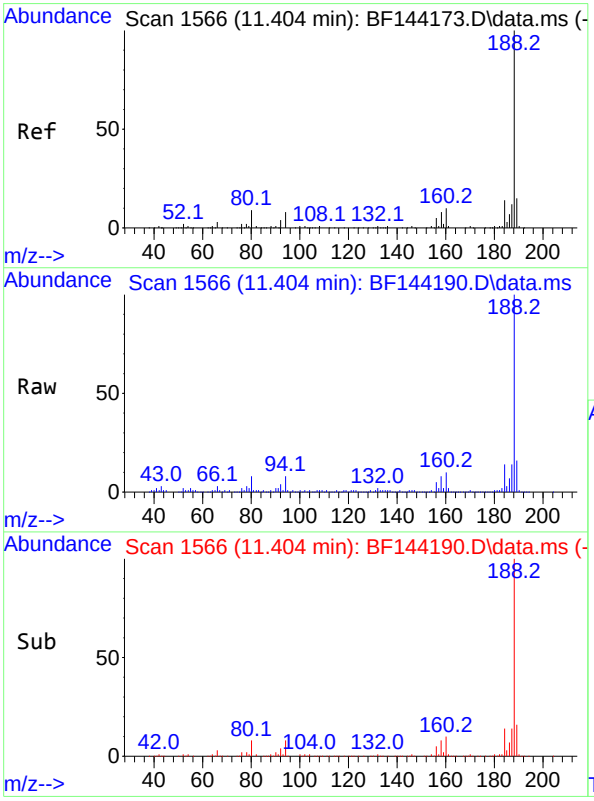
#53
3-Nitroaniline
Concen: 75.198 ng
RT: 9.645 min Scan# 1
Delta R.T. -0.224 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:138 Resp: 106889

Ion	Ratio	Lower	Upper
138	100		
108	1.3	7.5	11.3#
92	1.0	91.8	137.6#

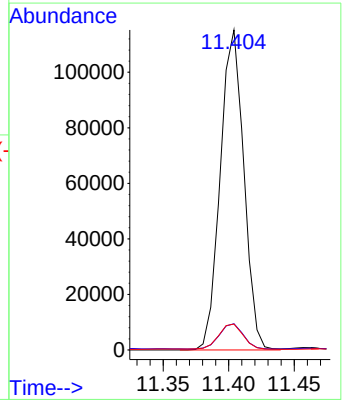


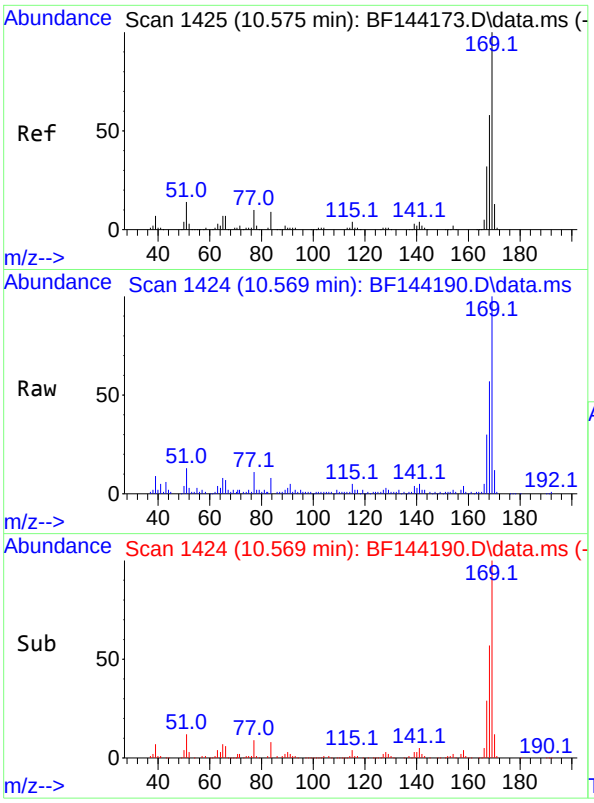


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:188 Resp: 143872

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.2
80	8.1	6.9	10.3



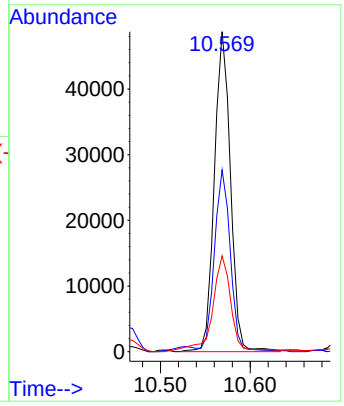


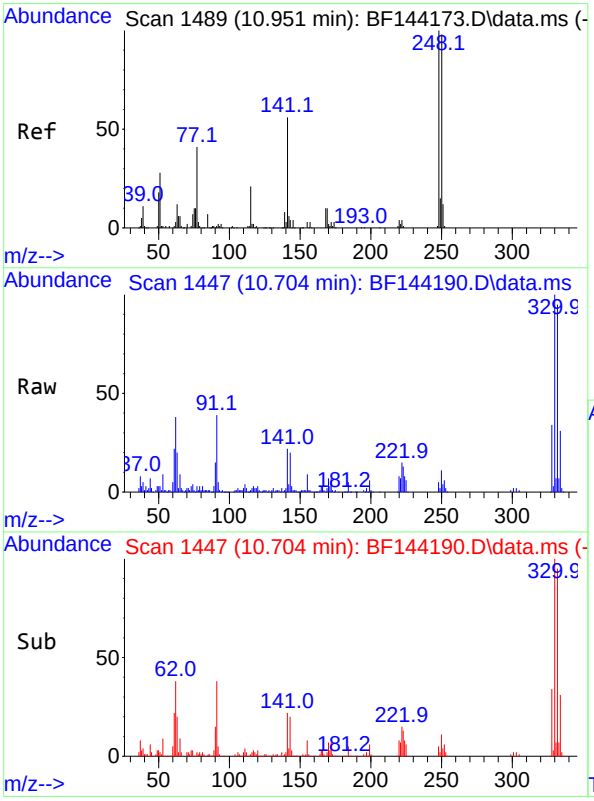
#66
n-Nitrosodiphenylamine
Concen: 13.148 ng
RT: 10.569 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:169 Resp: 60839

Ion	Ratio	Lower	Upper
169	100		
168	56.8	46.2	69.2
167	29.9	25.7	38.5

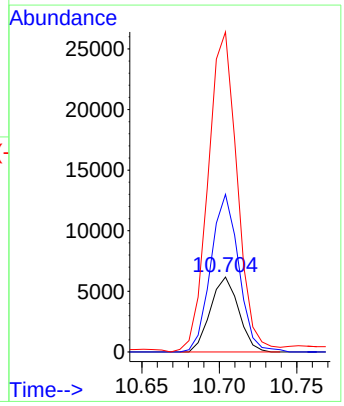


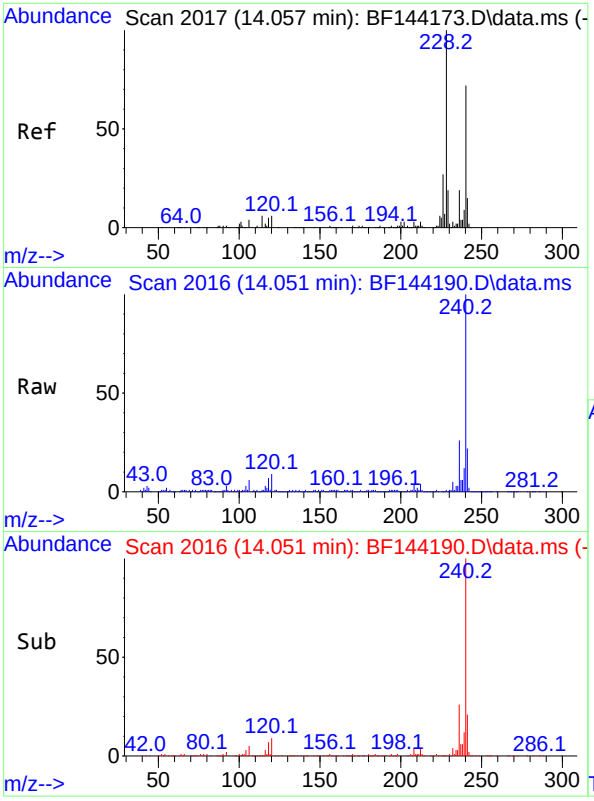


#67
4-Bromophenyl-phenylether
Concen: 4.265 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:248 Resp: 7832

Ion	Ratio	Lower	Upper
248	100		
250	210.3	78.4	117.6#
141	426.9	45.1	67.7#



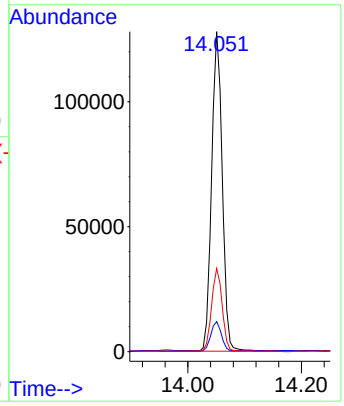


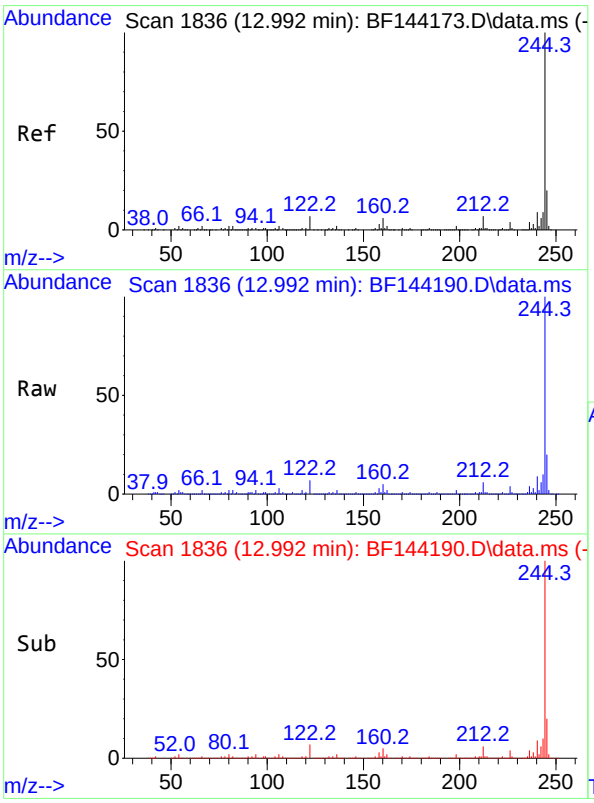
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:240 Resp: 165200

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.6	10.0
236	26.0	21.4	32.2

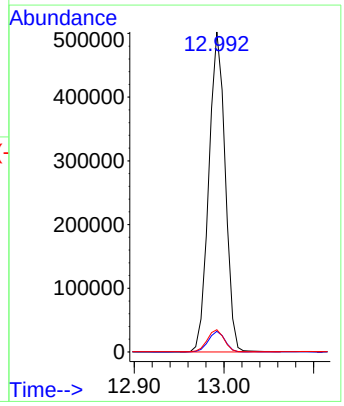


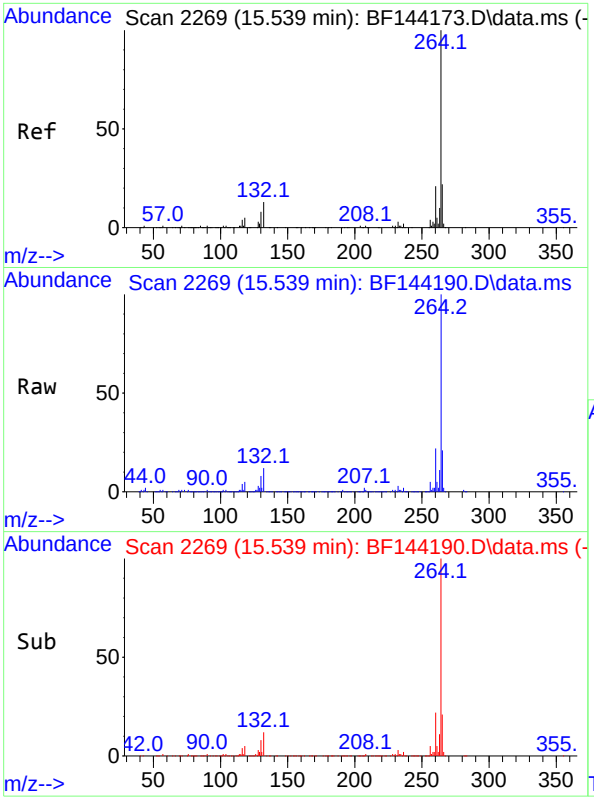


#79
Terphenyl-d14
Concen: 61.303 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Tgt Ion:244 Resp: 637571

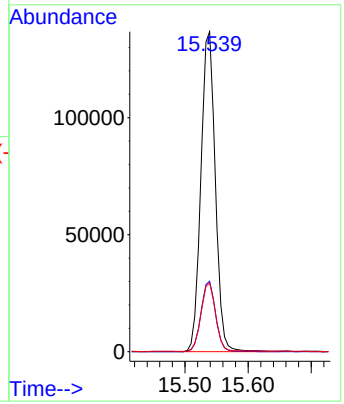
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	7.0	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF144190.D
Acq: 06 Nov 2025 16:24

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:264 Resp: 216482

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.1	25.7
265	21.4	17.4	26.0