

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141484.D
 Acq On : 06 Feb 2025 17:02
 Operator : RC/JU
 Sample : PB166468BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BL

Quant Time: Feb 07 01:51:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

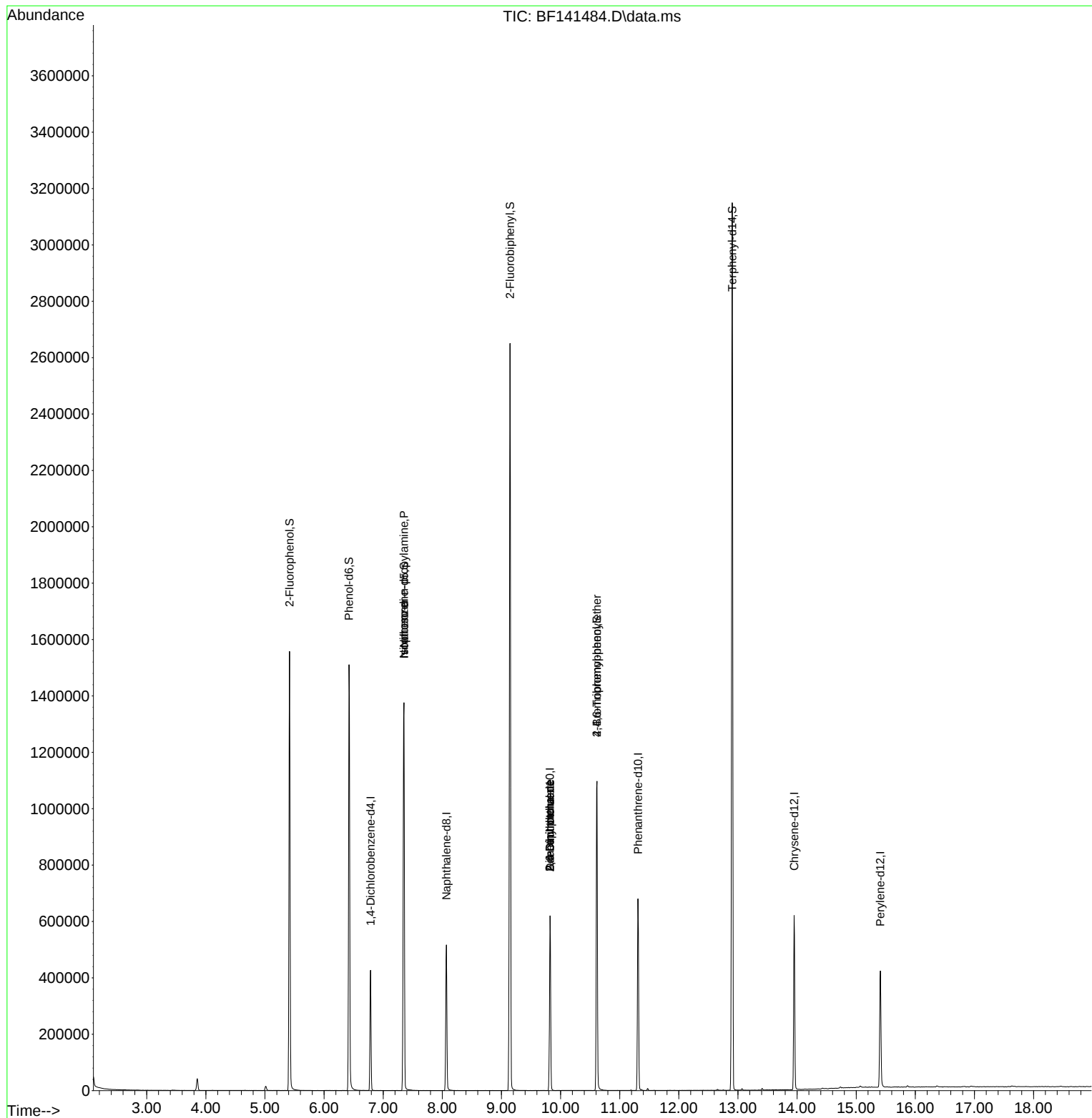
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86774	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	347424	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	193167	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	352138	20.000	ng	0.00
76) Chrysene-d12	13.951	240	303600	20.000	ng	-0.01
86) Perylene-d12	15.410	264	243629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	539467	97.465	ng	0.00
7) Phenol-d6	6.422	99	671485	95.985	ng	-0.02
23) Nitrobenzene-d5	7.351	82	660912	99.222	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	179966	92.744	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1242233	99.077	ng	0.00
79) Terphenyl-d14	12.904	244	1595685	88.728	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	90771	21.692	ng	# 76
25) Isophorone	7.351	82	635583	59.844	ng	# 66
50) Dimethylphthalate	9.822	163	26845	2.047	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	24646	8.597	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	24646	6.458	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	12141	3.085	ng	# 1

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

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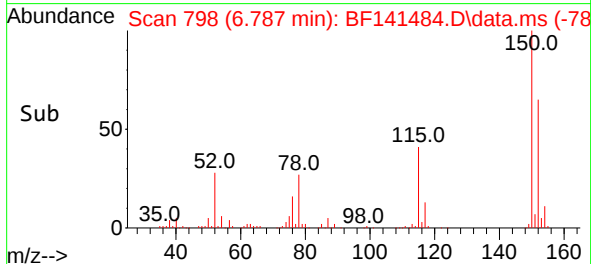
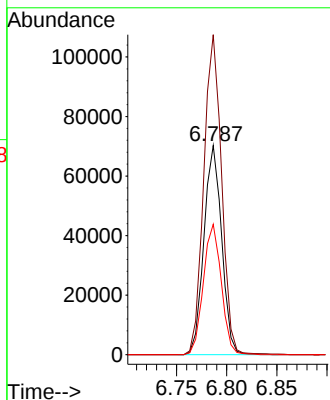
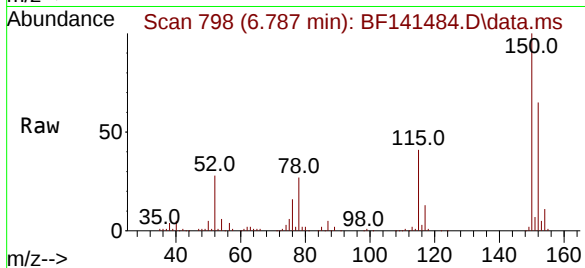




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

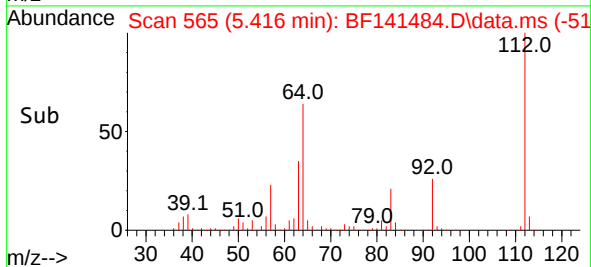
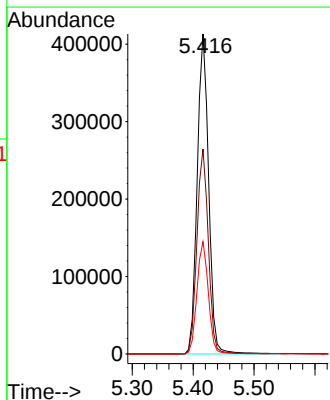
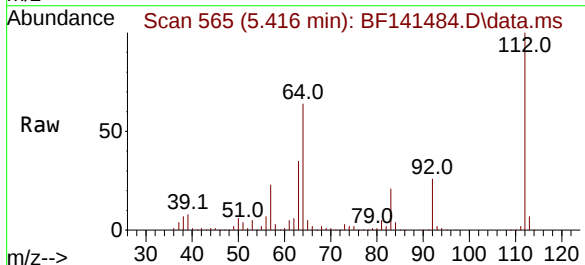
Instrument :
BNA_F
ClientSampleId :
PB166468BL

Tgt Ion:152 Resp: 86774
Ion Ratio Lower Upper
152 100
150 153.0 125.0 187.4
115 62.4 53.6 80.4



#5
2-Fluorophenol
Concen: 97.465 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

Tgt Ion:112 Resp: 539467
Ion Ratio Lower Upper
112 100
64 64.1 51.1 76.7
63 35.1 28.4 42.6

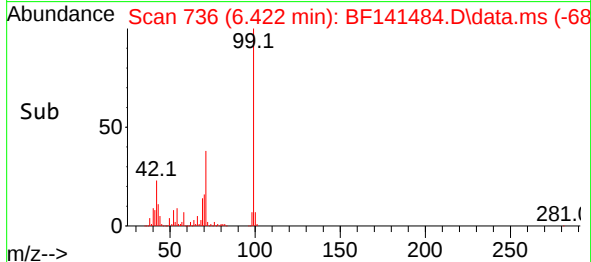
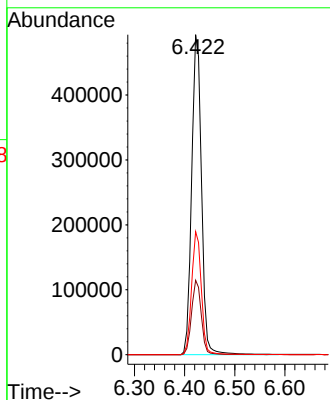
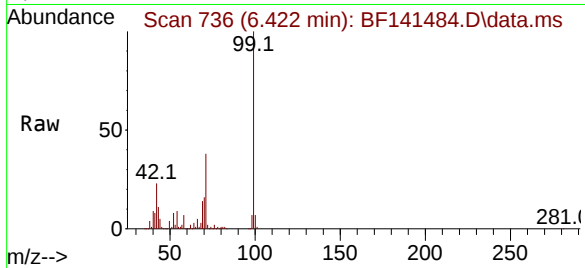




#7
Phenol-d6
Concen: 95.985 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

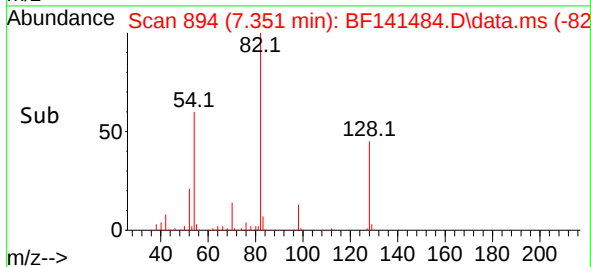
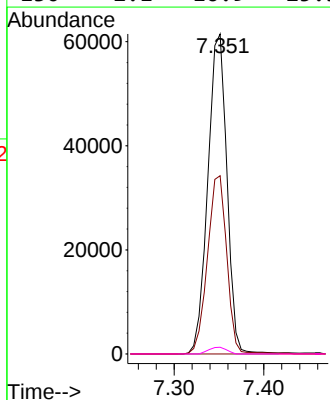
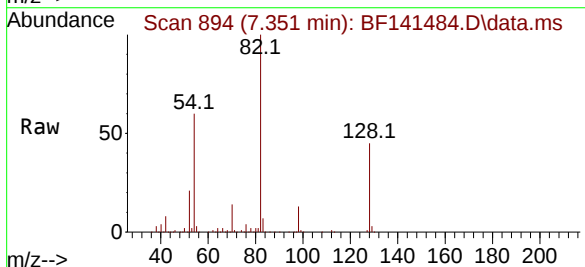
Instrument :
BNA_F
ClientSampleId :
PB166468BL

Tgt Ion: 99 Resp: 671485
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 38.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.692 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

Tgt Ion: 70 Resp: 90771
Ion Ratio Lower Upper
70 100
42 55.7 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

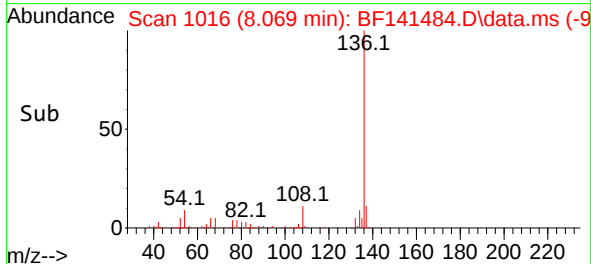
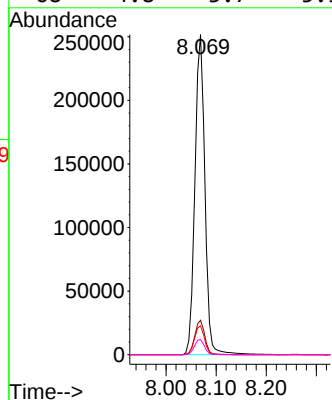
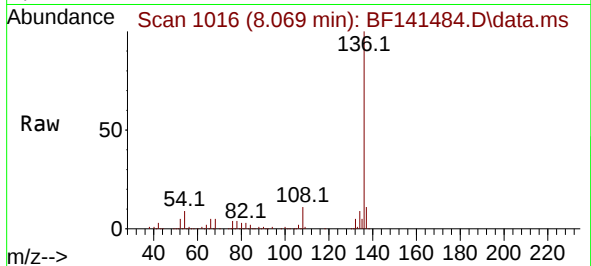




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

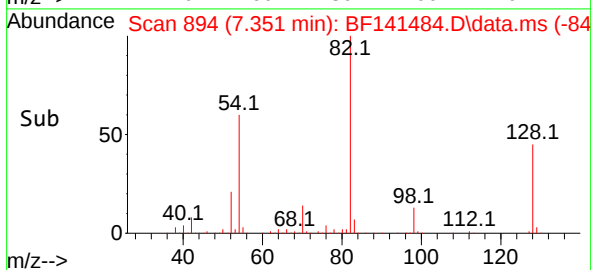
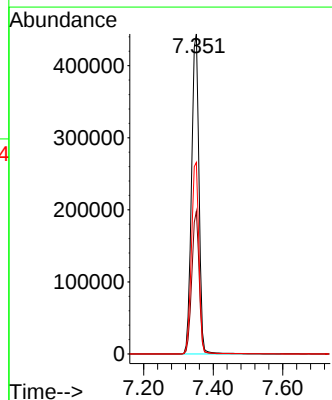
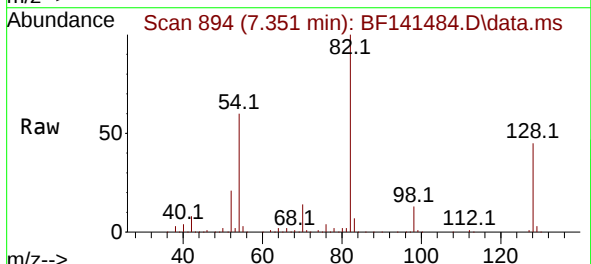
Instrument :
BNA_F
ClientSampleId :
PB166468BL

Tgt Ion:136 Resp: 347424
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 99.222 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

Tgt Ion: 82 Resp: 660912
Ion Ratio Lower Upper
82 100
128 44.6 34.8 52.2
54 59.8 48.2 72.4

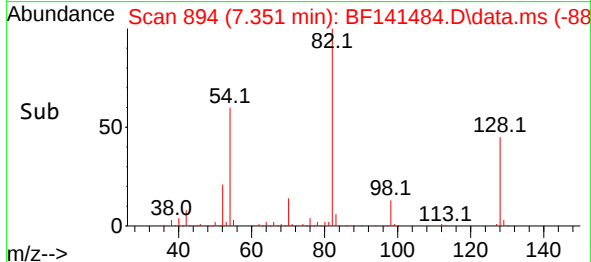
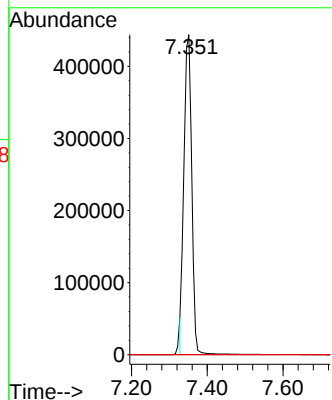
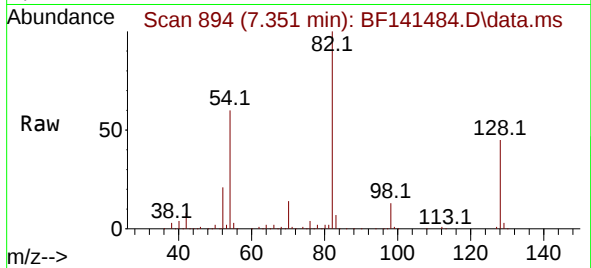




#25
Isophorone
Concen: 59.844 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

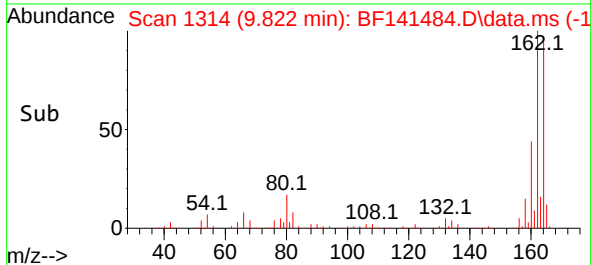
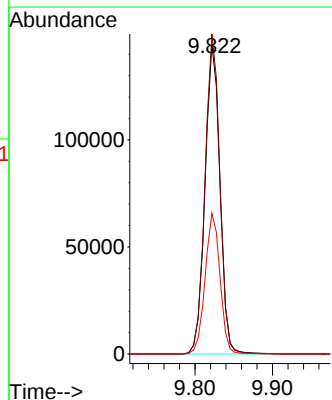
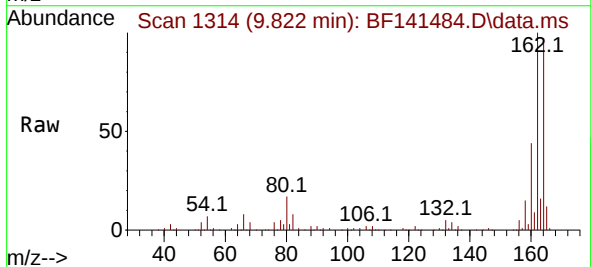
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ClientSampleId :
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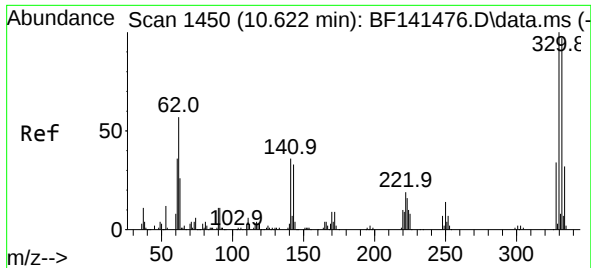
Tgt Ion: 82 Resp: 635583
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

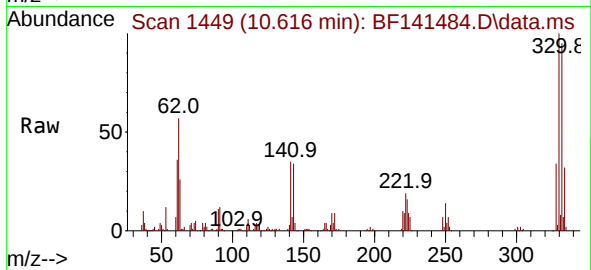
Tgt Ion:164 Resp: 193167
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.4 35.9 53.9



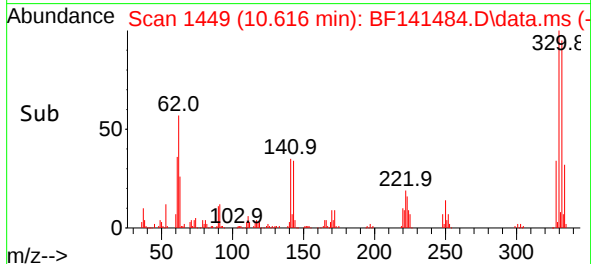
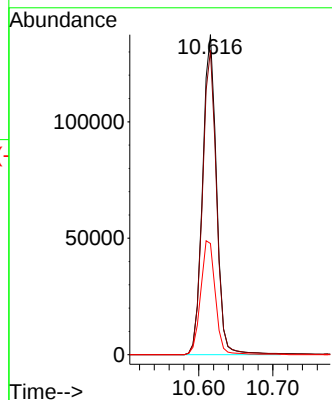


#42
2,4,6-Tribromophenol
Concen: 92.744 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PB166468BL

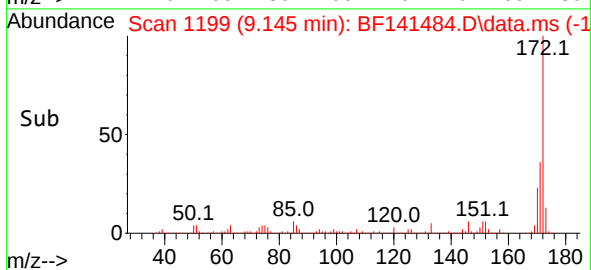
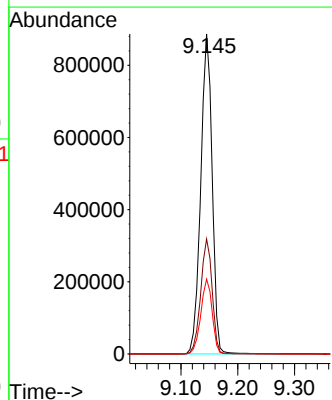
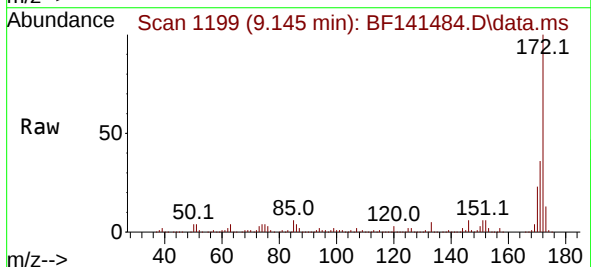


Tgt Ion:330 Resp: 179966
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 37.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 99.077 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

Tgt Ion:172 Resp: 1242233
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.4 18.9 28.3

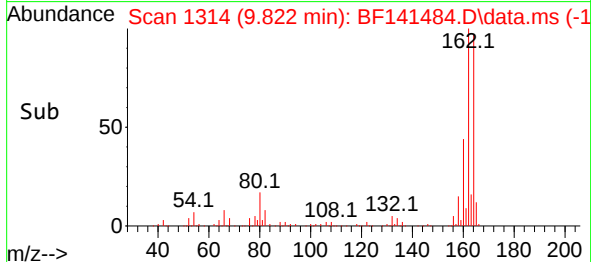
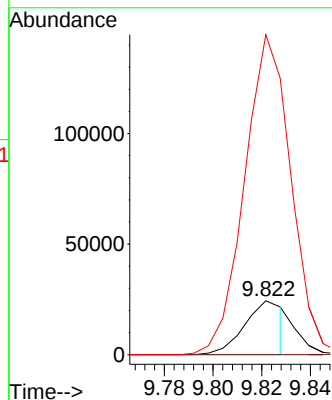
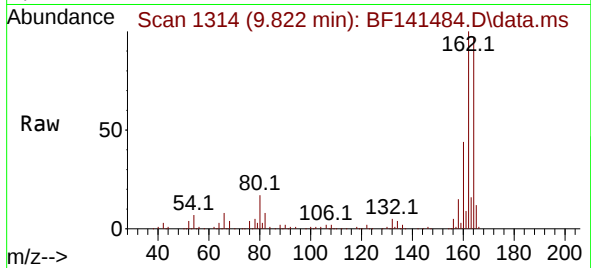




#50
Dimethylphthalate
Concen: 2.047 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

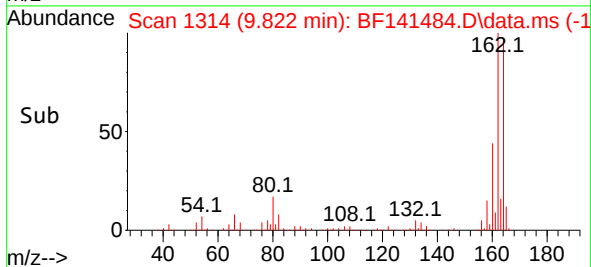
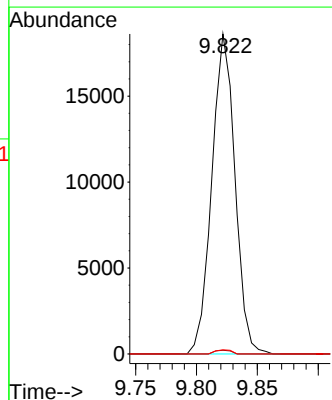
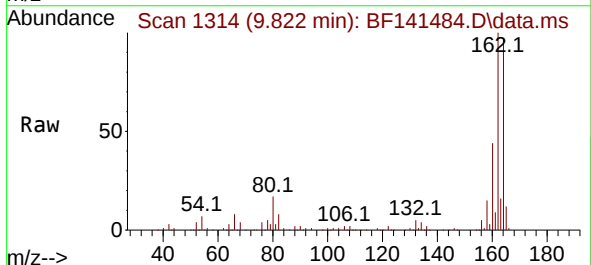
Instrument :
BNA_F
ClientSampleId :
PB166468BL

Tgt Ion:163 Resp: 26845
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 592.9 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.597 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

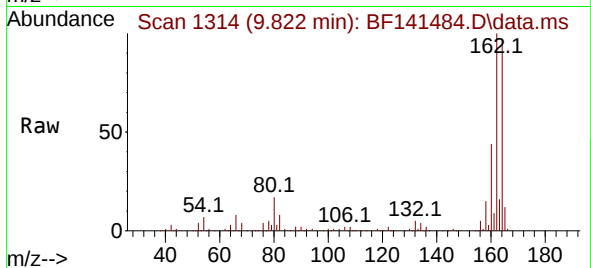
Tgt Ion:165 Resp: 24646
Ion Ratio Lower Upper
165 100
63 1.2 49.4 74.0#
89 1.3 46.5 69.7#



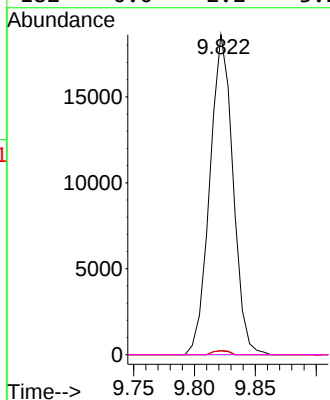
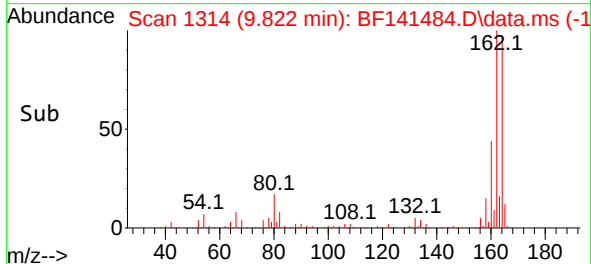


#57
2,4-Dinitrotoluene
Concen: 6.458 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

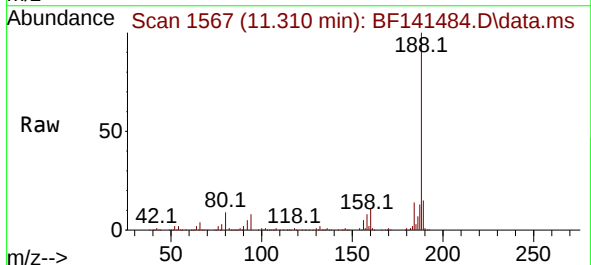
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ClientSampleId :
PB166468BL



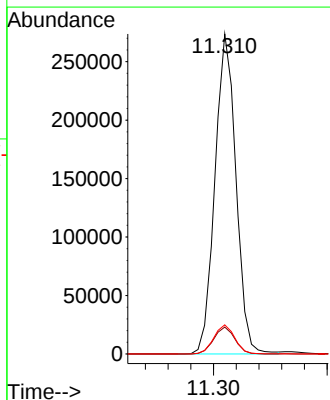
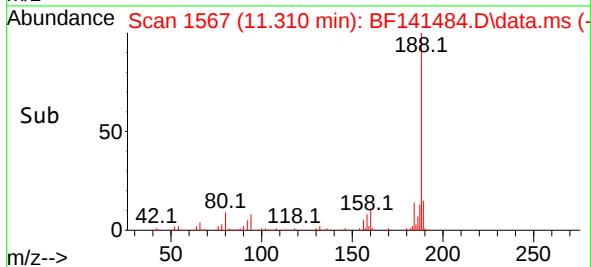
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Ion Ratio Lower Upper
165 100
63 1.2 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#

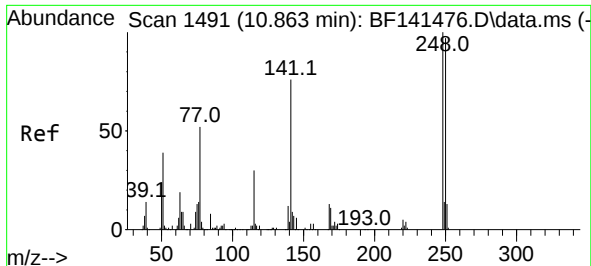


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02



Tgt Ion:188 Resp: 352138
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.1 7.3 10.9

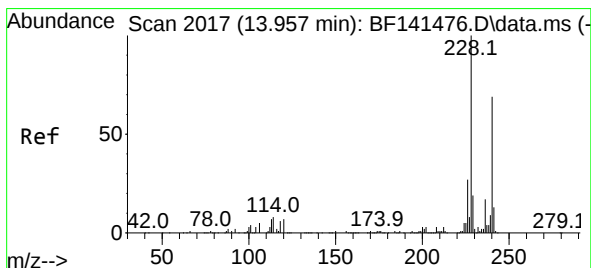
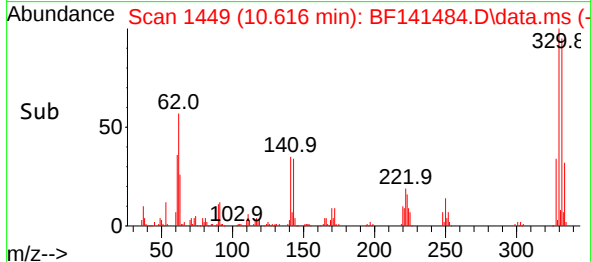
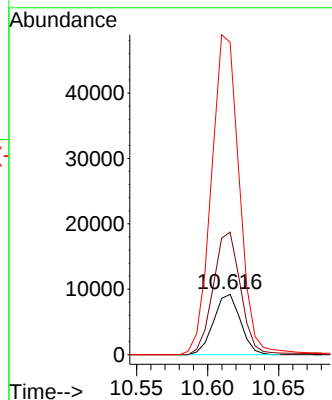
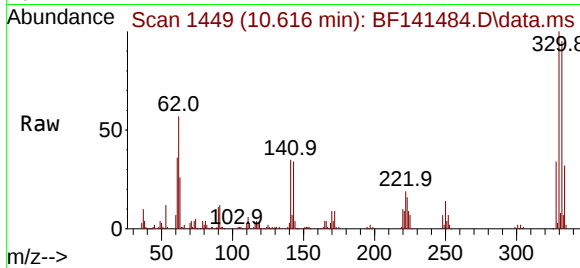




#67
4-Bromophenyl-phenylether
Concen: 3.085 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

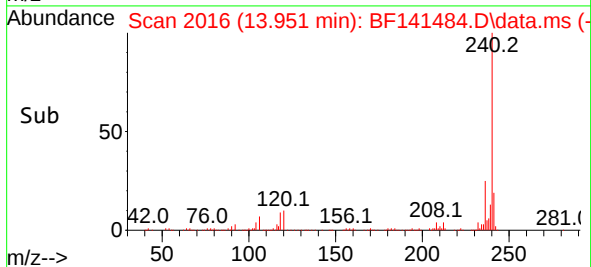
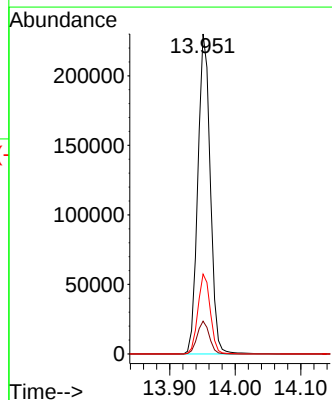
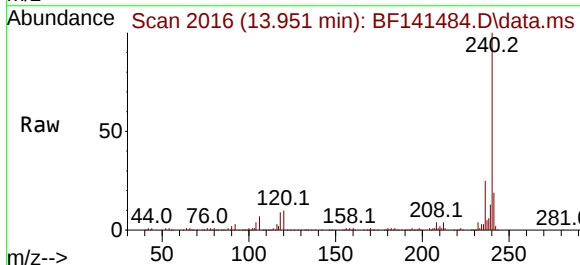
Instrument :
BNA_F
ClientSampleId :
PB166468BL

Tgt Ion:248 Resp: 12141
Ion Ratio Lower Upper
248 100
250 203.0 77.8 116.6#
141 517.2 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141484.D
Acq: 06 Feb 2025 17:02

Tgt Ion:240 Resp: 303600
Ion Ratio Lower Upper
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120 10.3 8.0 12.0
236 24.9 19.8 29.8

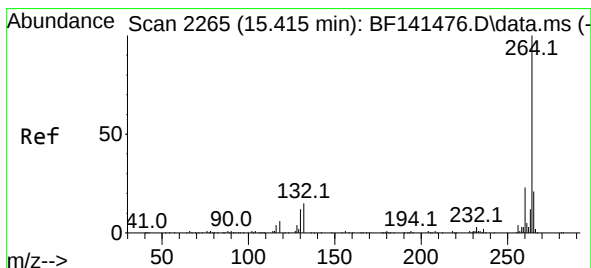
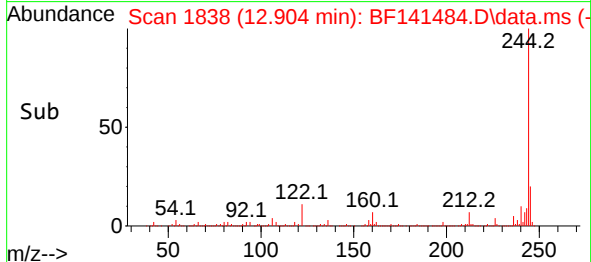
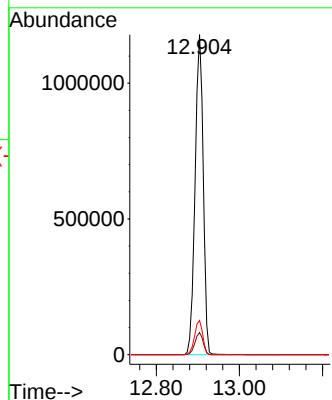
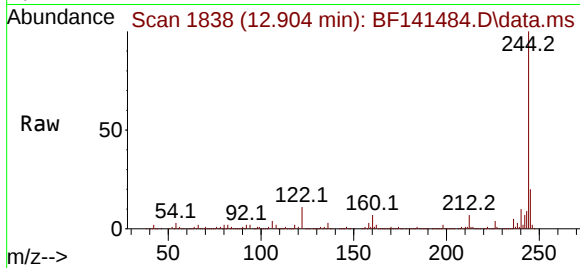




#79
 Terphenyl-d14
 Concen: 88.728 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141484.D
 Acq: 06 Feb 2025 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BL

Tgt Ion:244 Resp: 1595685
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141484.D
 Acq: 06 Feb 2025 17:02

Tgt Ion:264 Resp: 243629
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.4 17.0 25.4

