

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139874.D
 Acq On : 19 Oct 2024 16:24
 Operator : RC/JU
 Sample : P4426-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-7

Quant Time: Oct 21 01:41:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

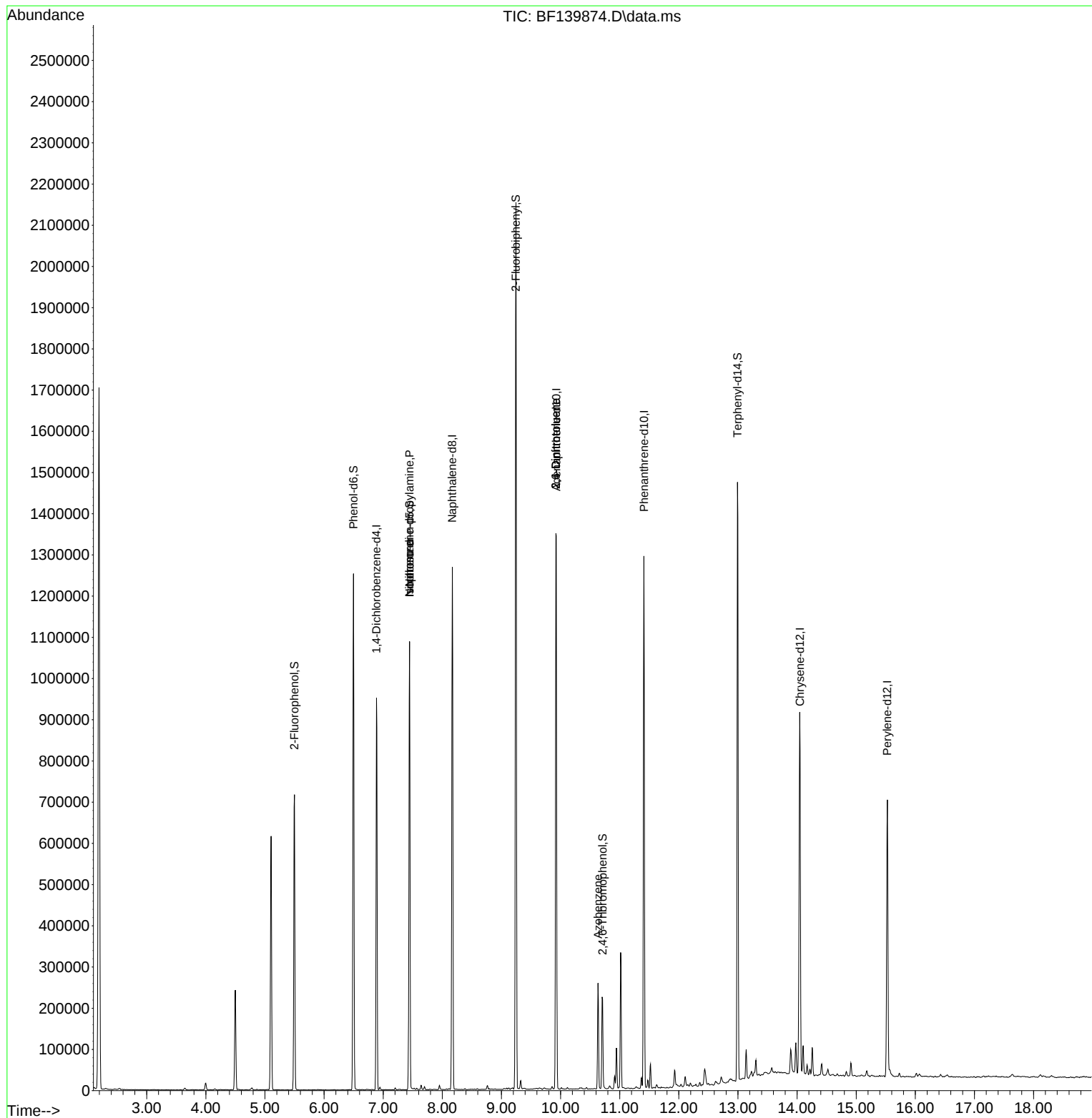
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	193840	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	750911	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	409213	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	649825	20.000	ng	0.00
76) Chrysene-d12	14.051	240	355728	20.000	ng	0.00
86) Perylene-d12	15.527	264	376625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	252453	20.389	ng	0.00
7) Phenol-d6	6.498	99	544236	33.937	ng	-0.01
23) Nitrobenzene-d5	7.445	82	449548	33.180	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	35810	9.356	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	916997	37.035	ng	0.00
79) Terphenyl-d14	12.992	244	712587	32.641	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	61272	6.300	ng	# 80
25) Isophorone	7.445	82	449105	17.465	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	53443	9.684	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	53443	7.875	ng	# 21
63) Azobenzene	10.633	77	63001	2.375	ng	# 1

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

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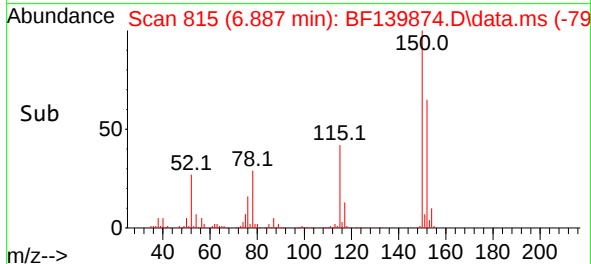
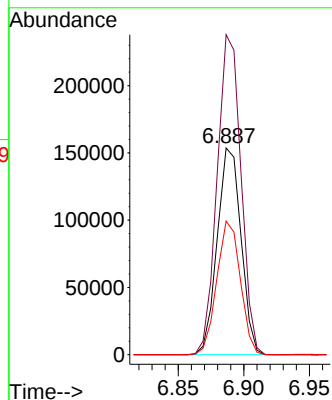
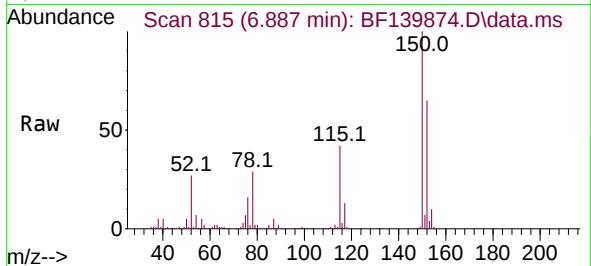




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

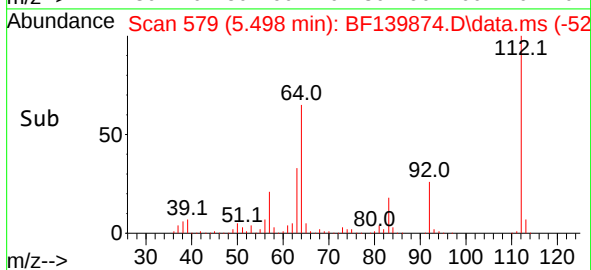
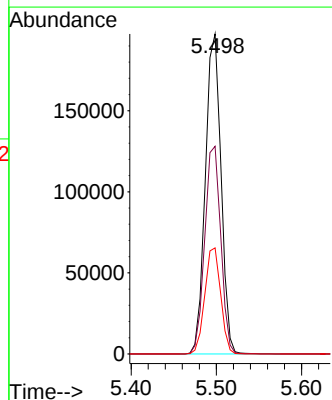
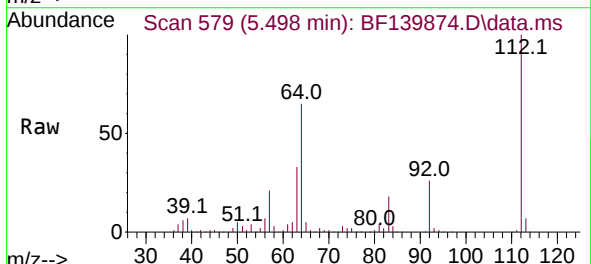
Instrument :
BNA_F
ClientSampleId :
PAD-7

Tgt Ion:152 Resp: 193840
Ion Ratio Lower Upper
152 100
150 154.7 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 20.389 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

Tgt Ion:112 Resp: 252453
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.1 27.0 40.4

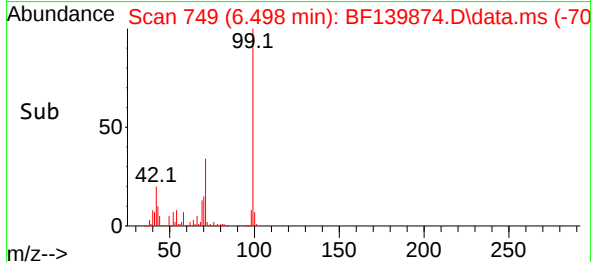
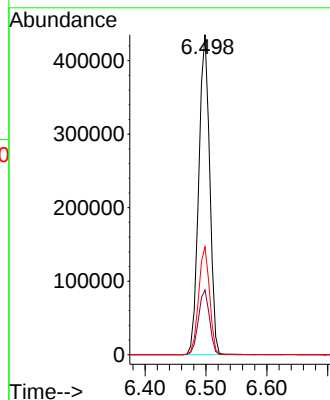
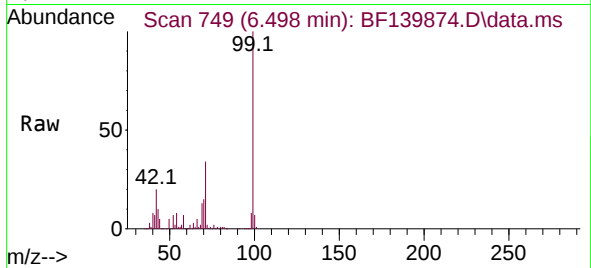




#7
Phenol-d6
Concen: 33.937 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

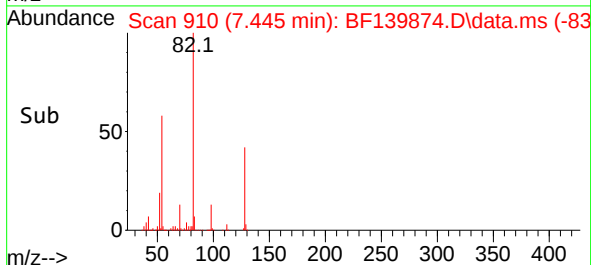
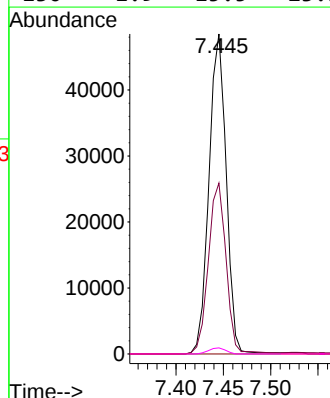
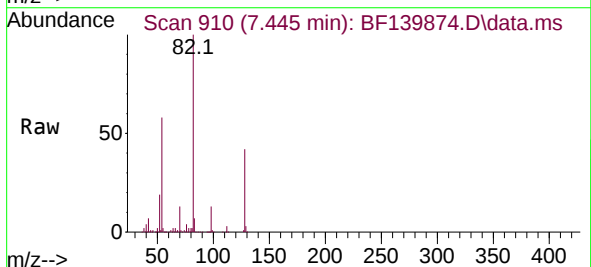
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BNA_F
ClientSampleId :
PAD-7

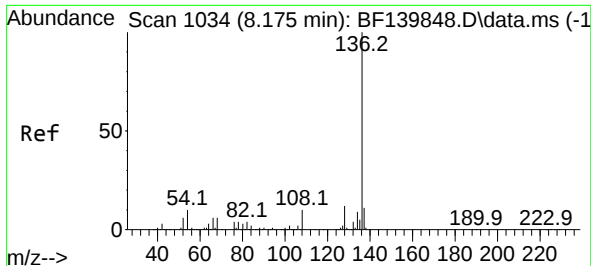
Tgt Ion: 99 Resp: 544236
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 33.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.300 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

Tgt Ion: 70 Resp: 61272
Ion Ratio Lower Upper
70 100
42 53.4 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



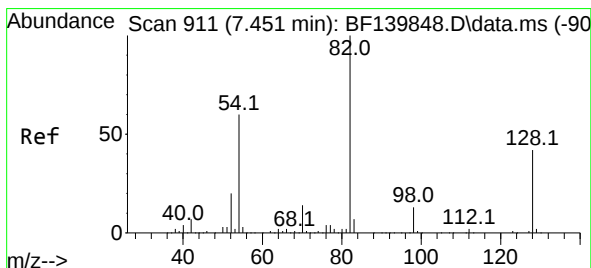
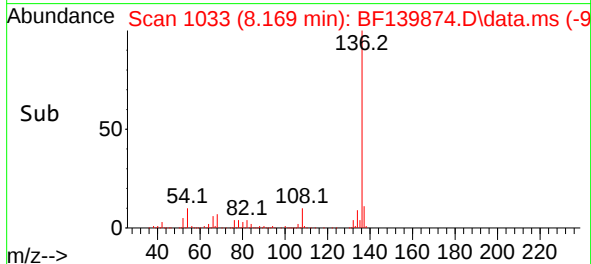
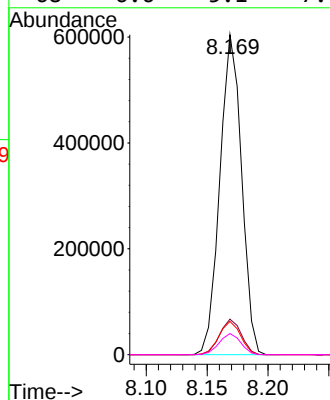
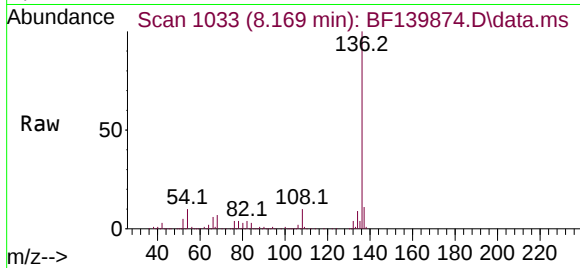


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

Instrument :
BNA_F
ClientSampleId :
PAD-7

Tgt Ion:136 Resp: 750911

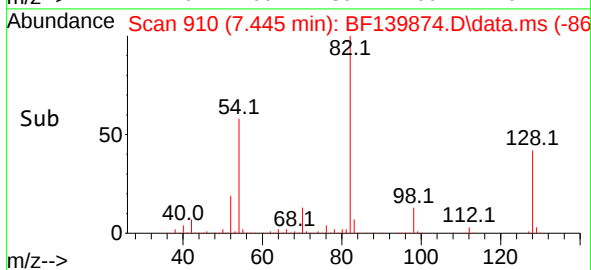
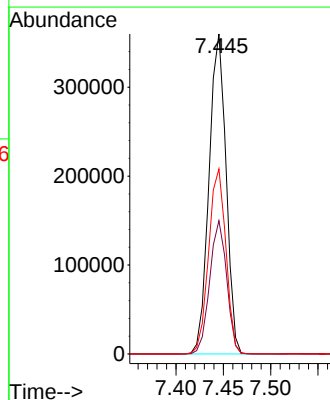
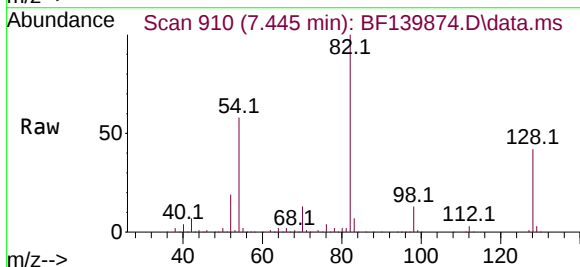
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.4	8.4	12.6
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 33.180 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

Tgt Ion: 82 Resp: 449548

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.0
54	57.8	47.8	71.8

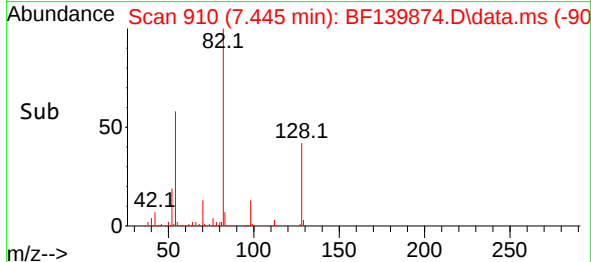
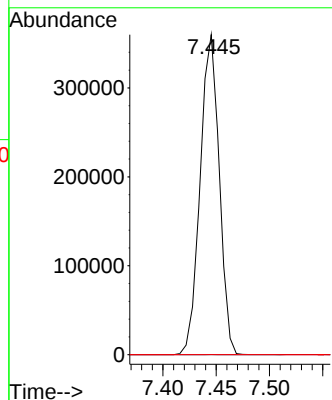
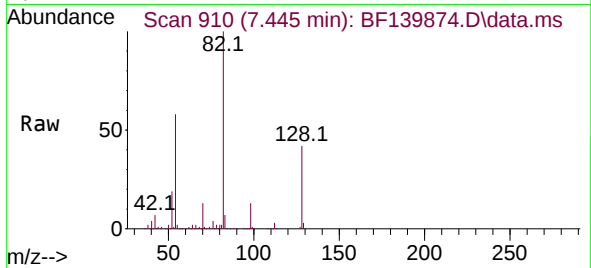




#25
Isophorone
Concen: 17.465 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

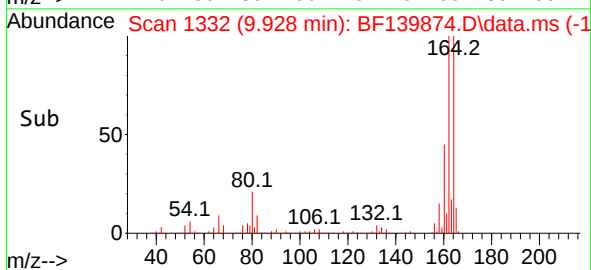
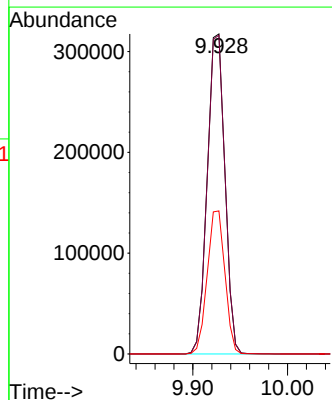
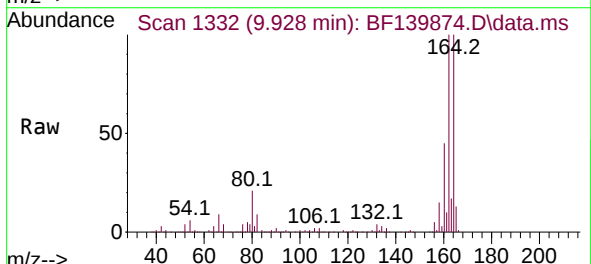
Instrument :
BNA_F
ClientSampleId :
PAD-7

Tgt Ion: 82 Resp: 449105
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

Tgt Ion: 164 Resp: 409213
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 44.7 35.4 53.0

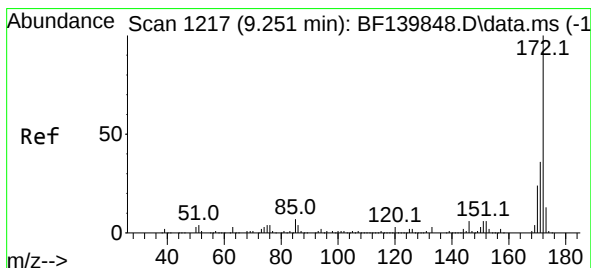
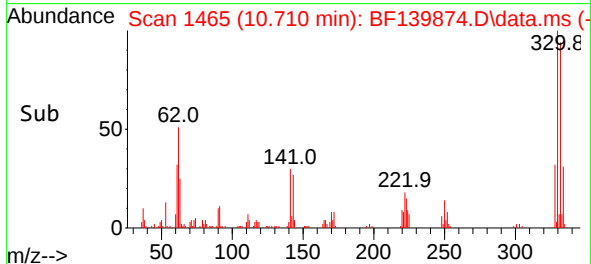
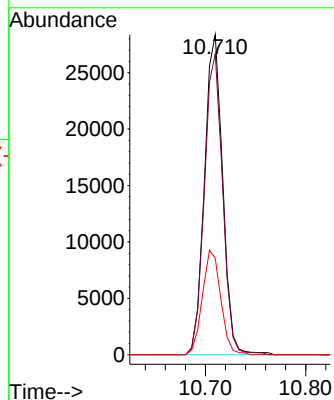
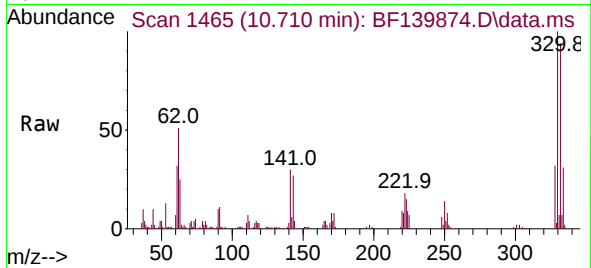




#42
 2,4,6-Tribromophenol
 Concen: 9.356 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF139874.D
 Acq: 19 Oct 2024 16:24

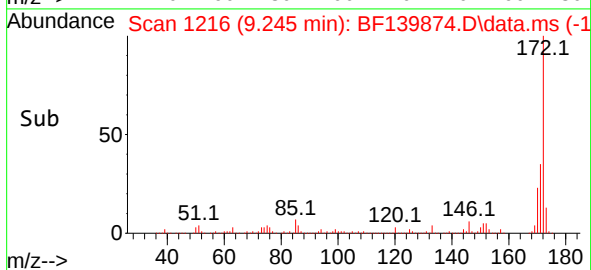
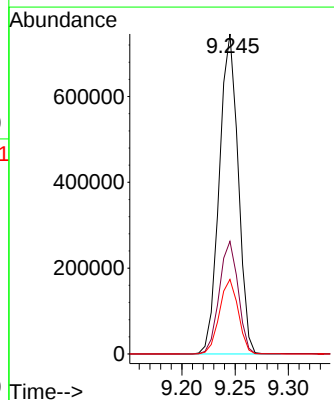
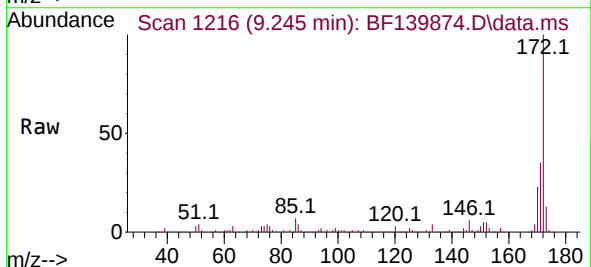
Instrument :
 BNA_F
 ClientSampleId :
 PAD-7

Tgt Ion:330 Resp: 35810
 Ion Ratio Lower Upper
 330 100
 332 94.2 78.1 117.1
 141 33.0 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 37.035 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139874.D
 Acq: 19 Oct 2024 16:24

Tgt Ion:172 Resp: 916997
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.3 19.1 28.7

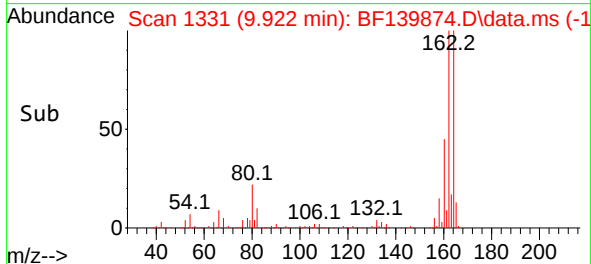
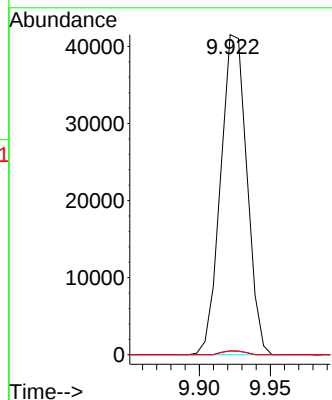
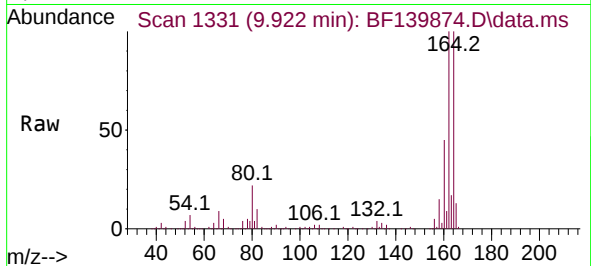




#51
2,6-Dinitrotoluene
Concen: 9.684 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

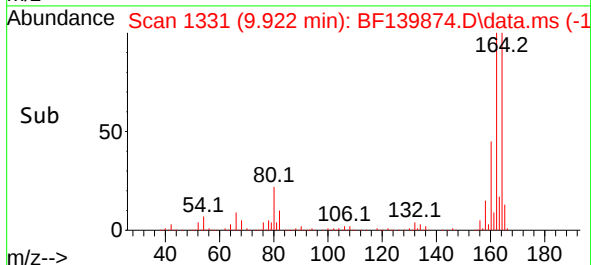
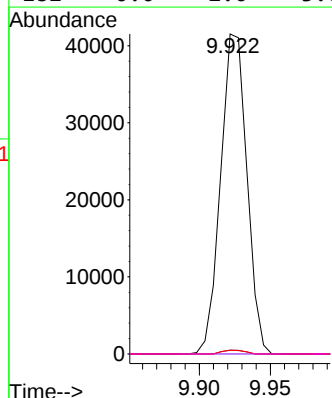
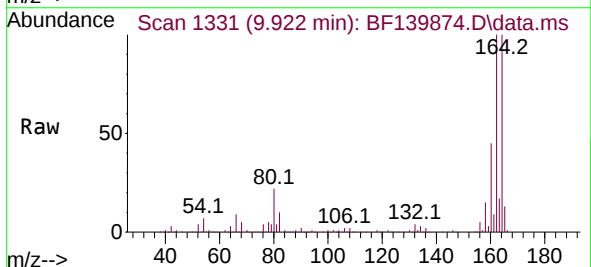
Instrument :
BNA_F
ClientSampleId :
PAD-7

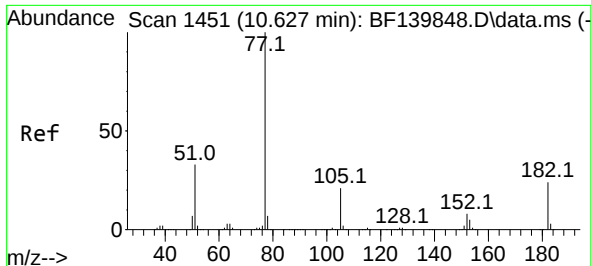
Tgt Ion:165 Resp: 53443
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.875 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

Tgt Ion:165 Resp: 53443
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

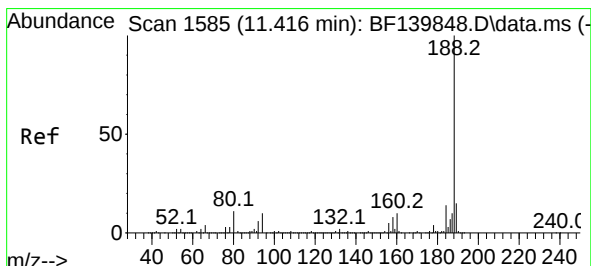
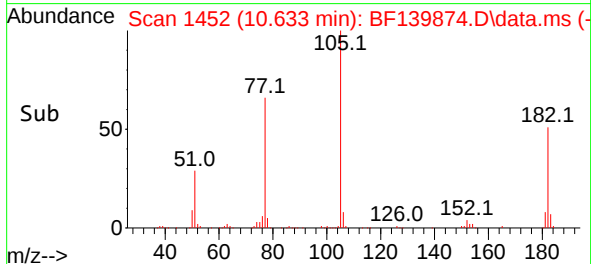
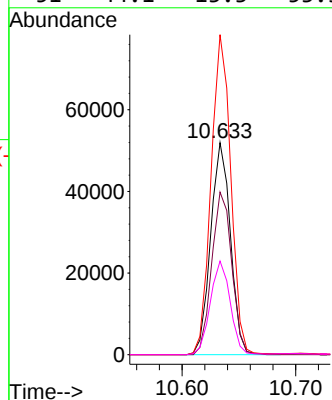
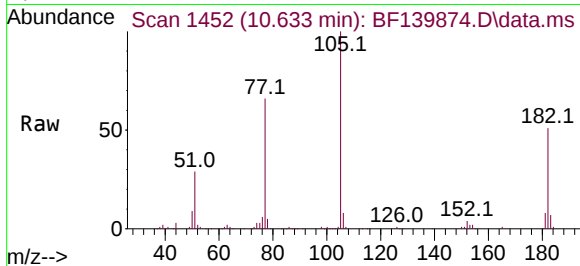




#63
Azobenzene
Concen: 2.375 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

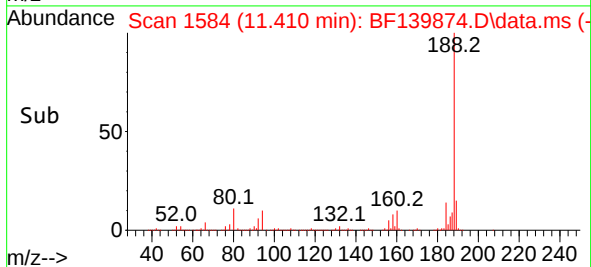
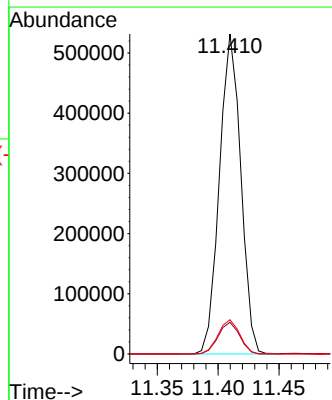
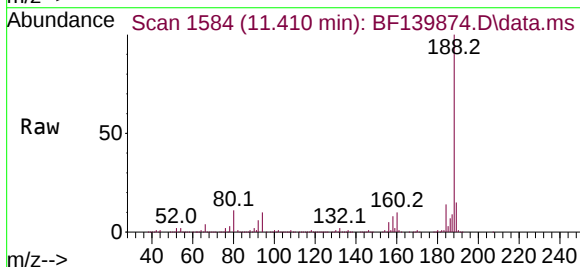
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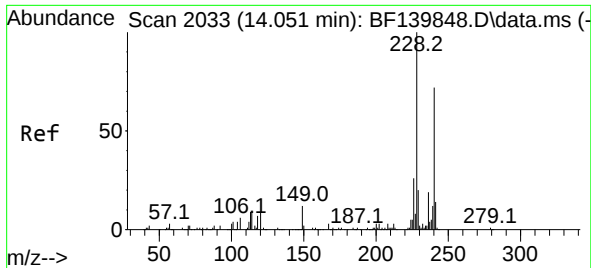
Tgt Ion: 77 Resp: 63001
Ion Ratio Lower Upper
77 100
182 76.6 3.3 43.3#
105 150.9 1.2 41.2#
51 44.1 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

Tgt Ion: 188 Resp: 649825
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.7 9.0 13.4

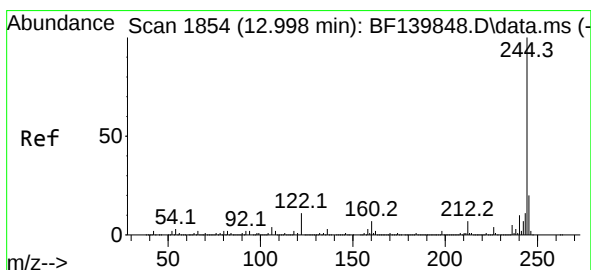
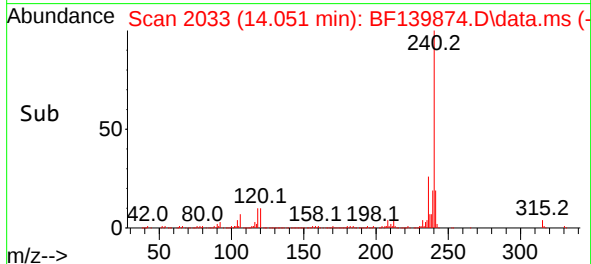
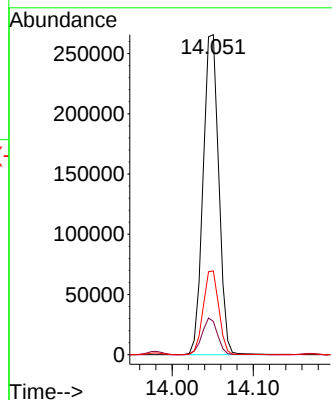
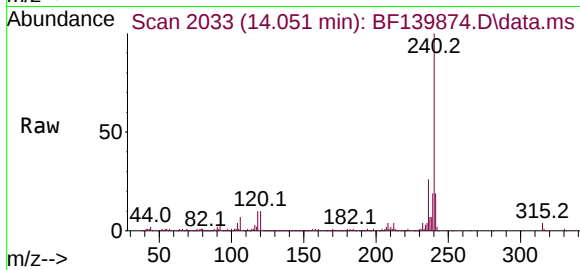




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

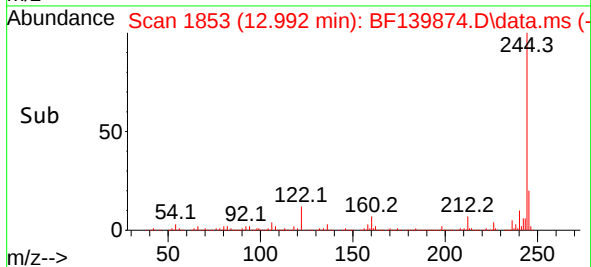
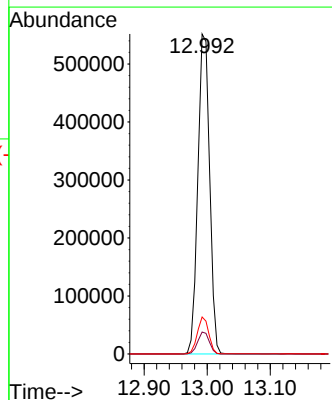
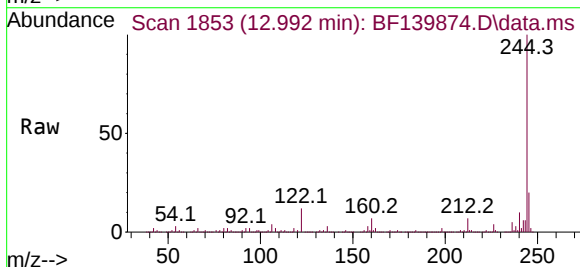
Instrument :
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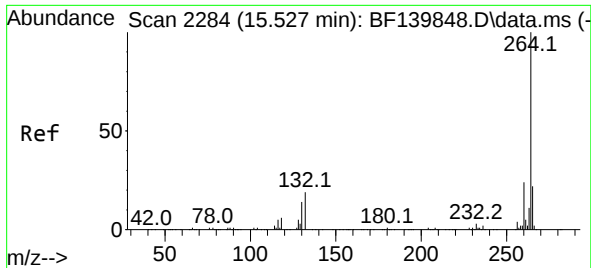
Tgt Ion:240 Resp: 355728
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.2 20.9 31.3



#79
Terphenyl-d14
Concen: 32.641 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139874.D
Acq: 19 Oct 2024 16:24

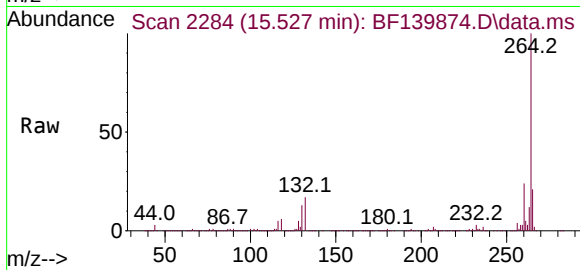
Tgt Ion:244 Resp: 712587
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.6 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139874.D
 Acq: 19 Oct 2024 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PAD-7



Tgt Ion:264 Resp: 376625
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.2 17.4 26.0

