

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128031.D
 Acq On : 02 May 2022 17:41
 Operator : CG\JU
 Sample : N2641-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-24

Quant Time: May 02 18:34:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

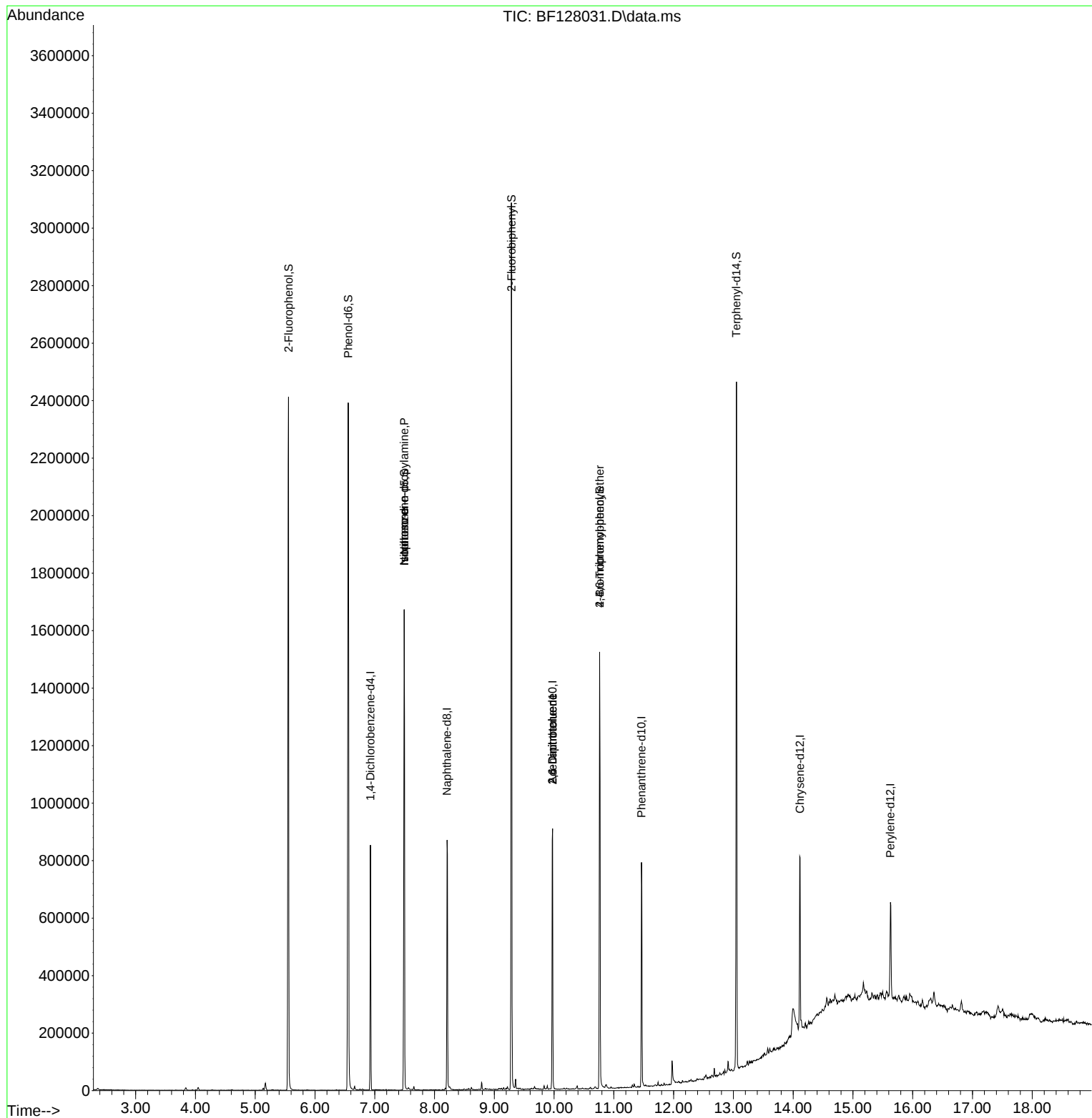
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	102461	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	377013	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	193978	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	293744	20.000	ng	0.00
76) Chrysene-d12	14.116	240	218044	20.000	ng	0.00
86) Perylene-d12	15.627	264	151258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	622081	96.704	ng	0.00
7) Phenol-d6	6.557	99	812700	97.364	ng	0.00
23) Nitrobenzene-d5	7.492	82	572662	71.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	170919	87.529	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	913842	79.699	ng	0.00
79) Terphenyl-d14	13.051	244	793229	66.522	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	77889	15.244	ng	# 79
25) Isophorone	7.492	82	572657	42.438	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	25525	9.062	ng	# 22
57) 2,4-Dinitrotoluene	9.975	165	25525	6.841	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	11064	3.398	ng	# 1

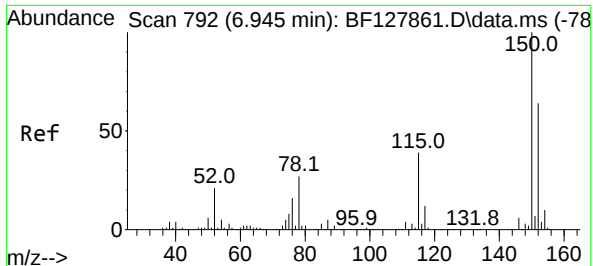
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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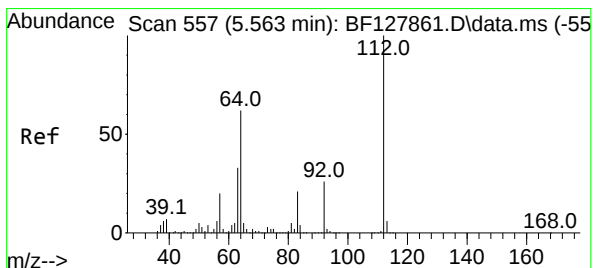
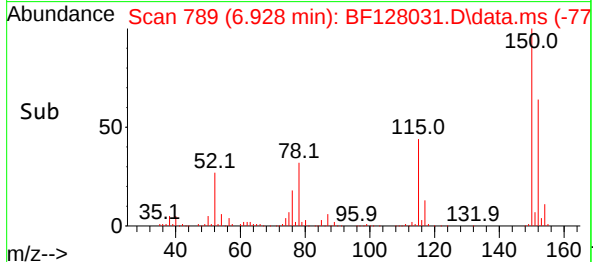
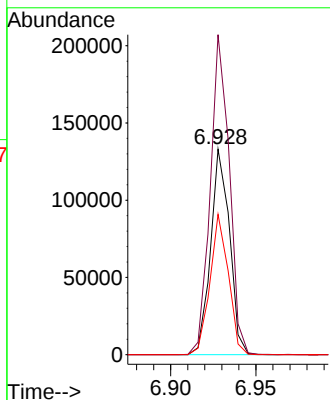
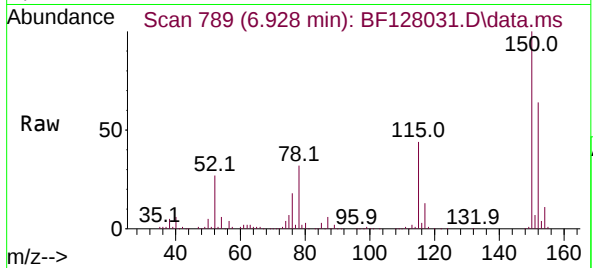




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF128031.D
 Acq: 02 May 2022 17:41

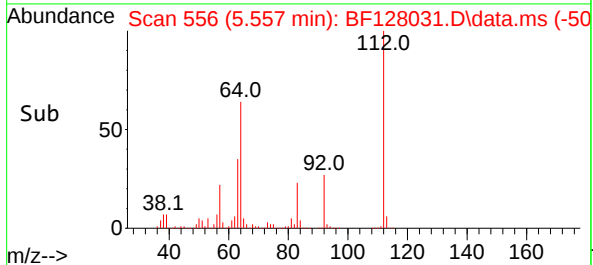
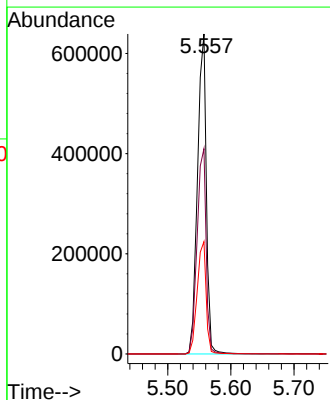
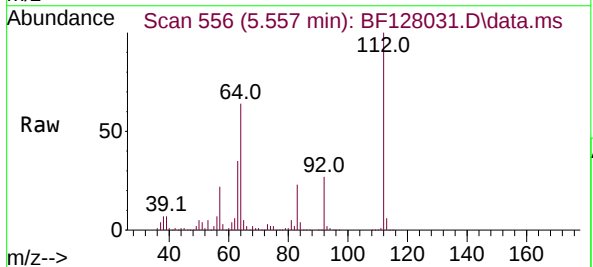
Instrument :
 BNA_F
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 TP-24

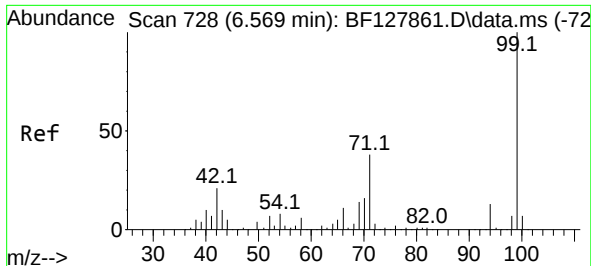
Tgt Ion:152 Resp: 102461
 Ion Ratio Lower Upper
 152 100
 150 155.7 125.3 187.9
 115 68.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 96.704 ng
 RT: 5.557 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: BF128031.D
 Acq: 02 May 2022 17:41

Tgt Ion:112 Resp: 622081
 Ion Ratio Lower Upper
 112 100
 64 64.1 49.5 74.3
 63 35.1 26.3 39.5

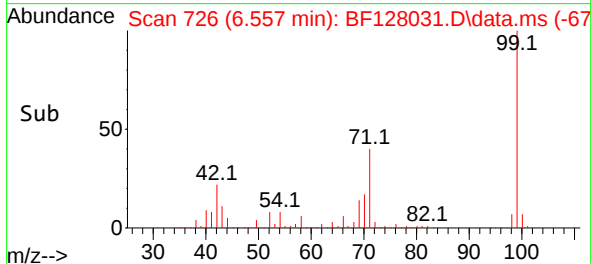
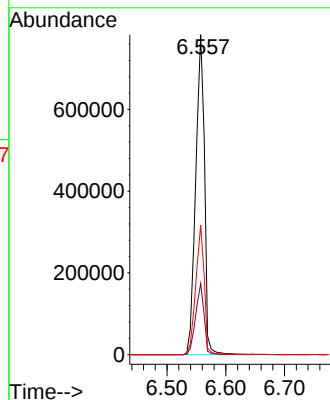
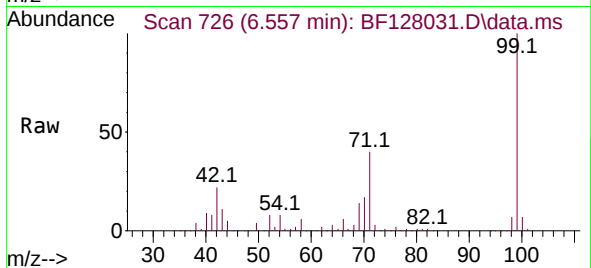




#7
Phenol-d6
Concen: 97.364 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

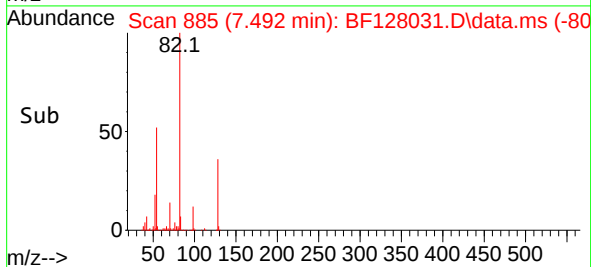
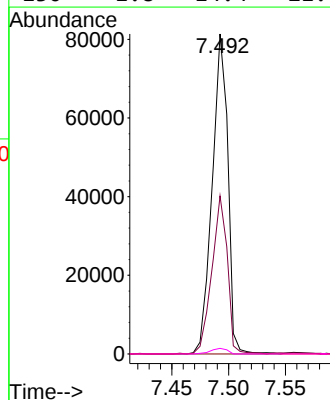
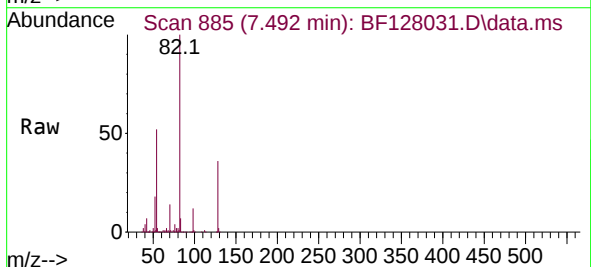
Instrument :
BNA_F
ClientSampleId :
TP-24

Tgt Ion: 99 Resp: 812700
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.244 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion: 70 Resp: 77889
Ion Ratio Lower Upper
70 100
42 49.4 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

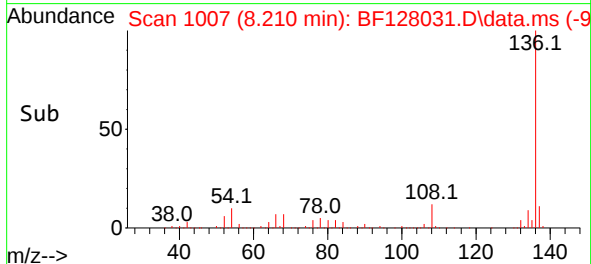
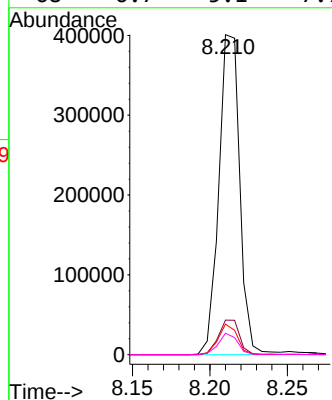
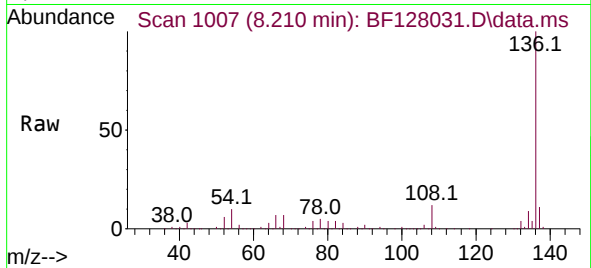




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

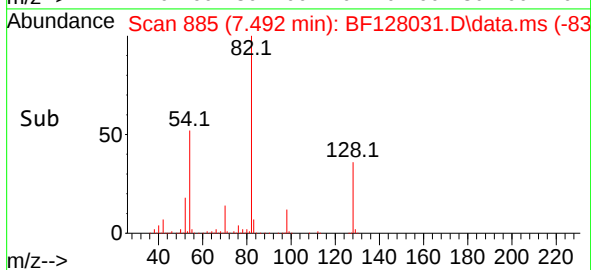
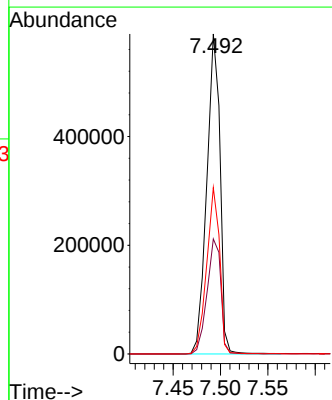
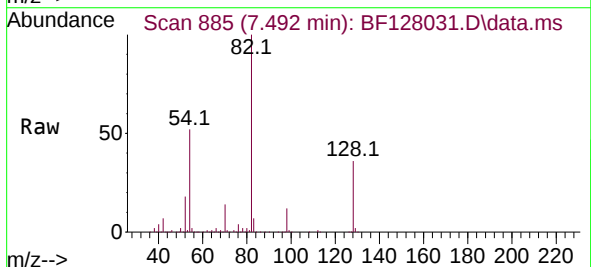
Instrument :
BNA_F
ClientSampleId :
TP-24

Tgt Ion:136	Resp: 377013
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 9.5	6.8 10.2
68 6.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 71.427 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion: 82	Resp: 572662
Ion Ratio	Lower Upper
82 100	
128 35.9	30.0 45.0
54 51.9	41.3 61.9

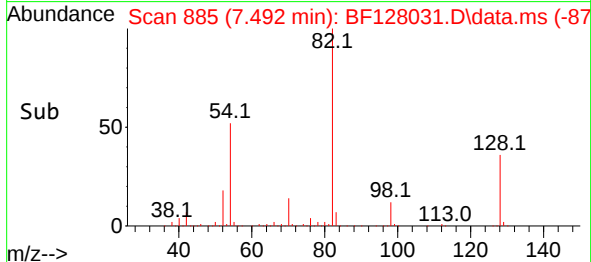
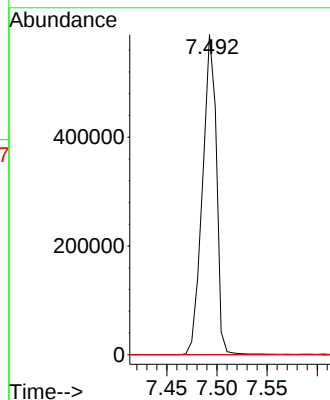
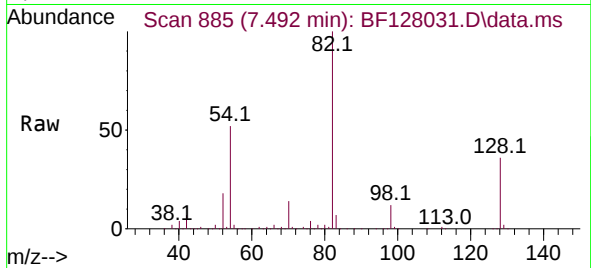




#25
Isophorone
Concen: 42.438 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

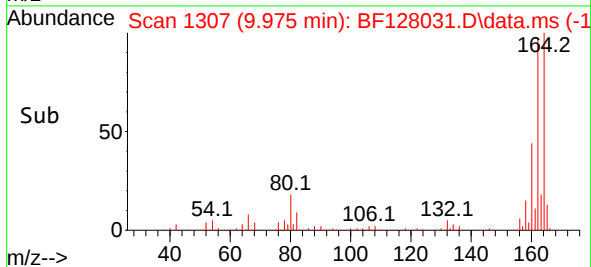
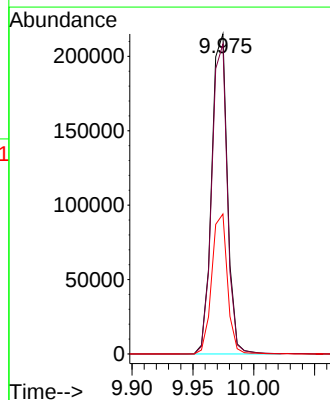
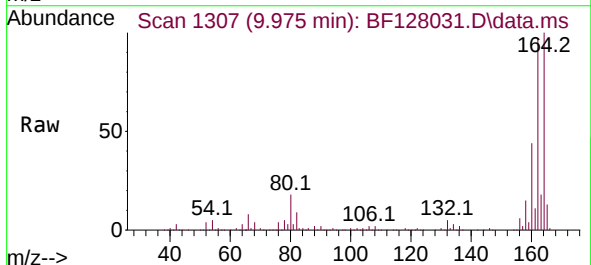
Instrument :
BNA_F
ClientSampleId :
TP-24

Tgt Ion: 82 Resp: 572657
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion: 164 Resp: 193978
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.8 34.8 52.2

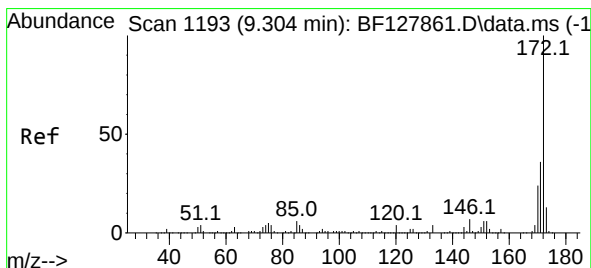
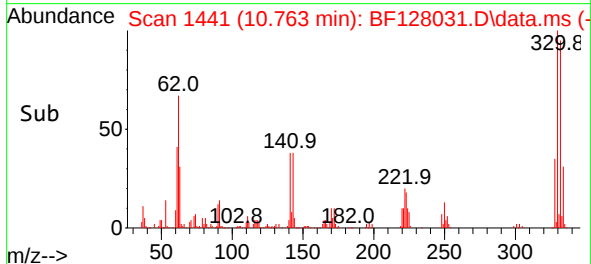
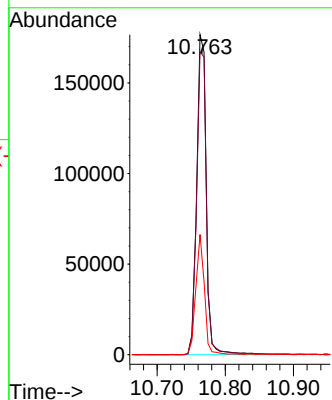
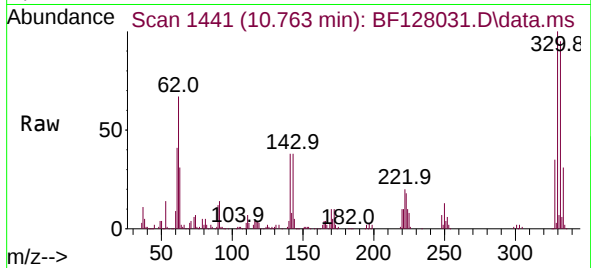




#42
2,4,6-Tribromophenol
Concen: 87.529 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

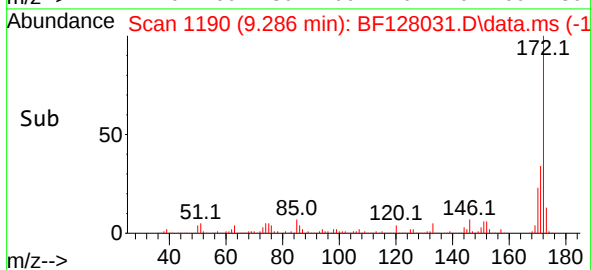
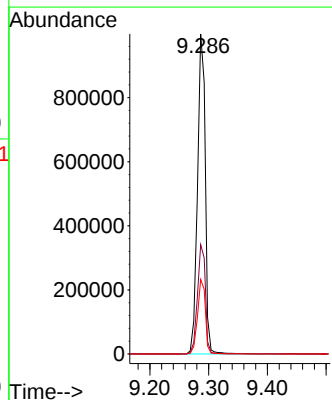
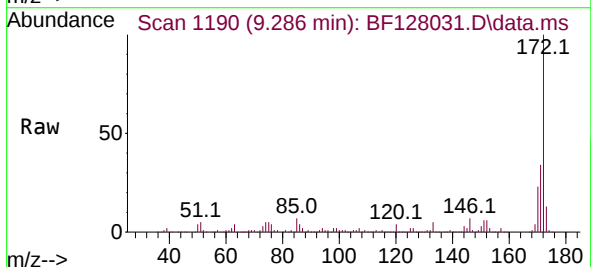
Instrument :
BNA_F
ClientSampleId :
TP-24

Tgt Ion:330 Resp: 170919
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 33.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 79.699 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion:172 Resp: 913842
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 23.3 19.1 28.7

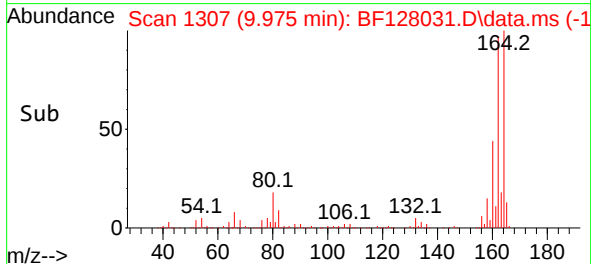
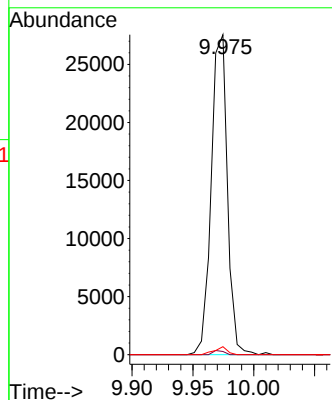
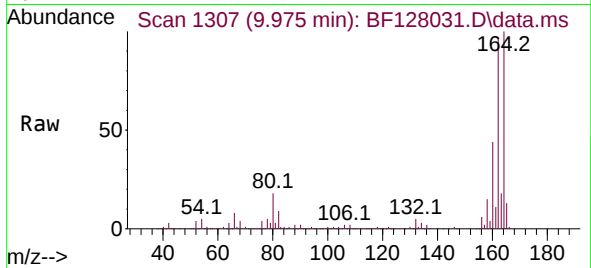




#51
2,6-Dinitrotoluene
Concen: 9.062 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

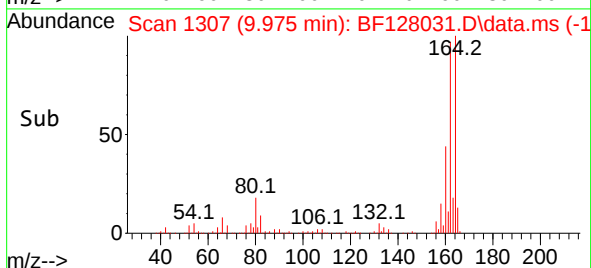
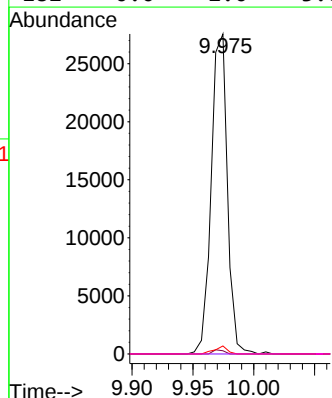
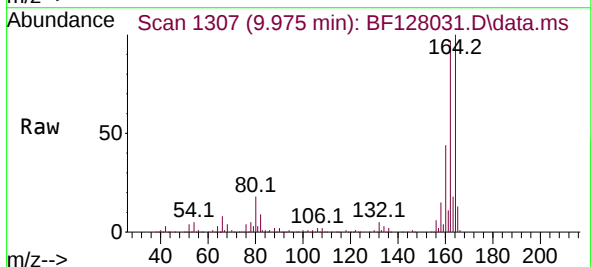
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BNA_F
ClientSampleId :
TP-24

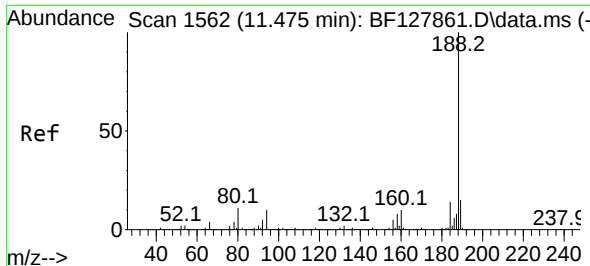
Tgt Ion:165 Resp: 25525
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 2.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.841 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.188 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion:165 Resp: 25525
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 2.5 55.2 82.8#
182 0.0 2.0 3.0#

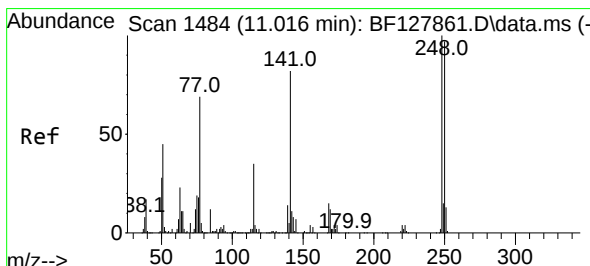
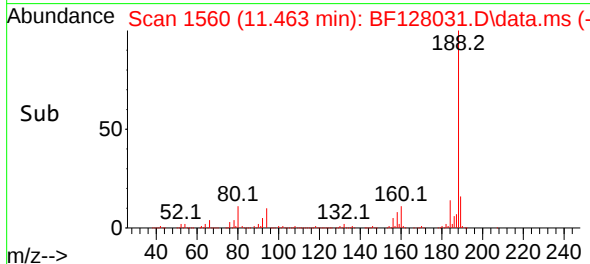
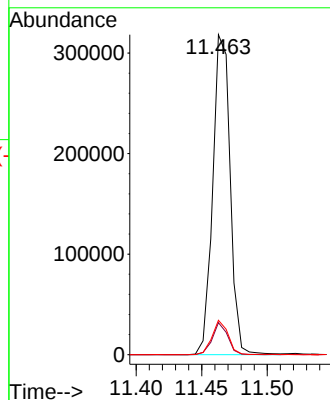
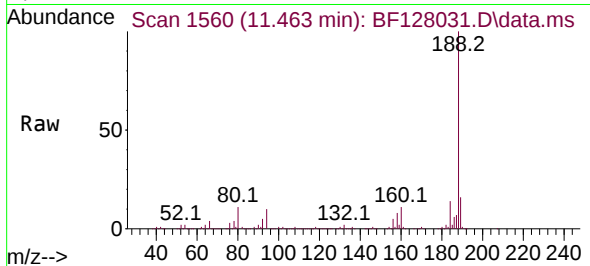




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

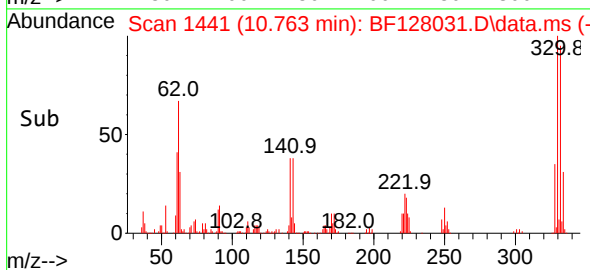
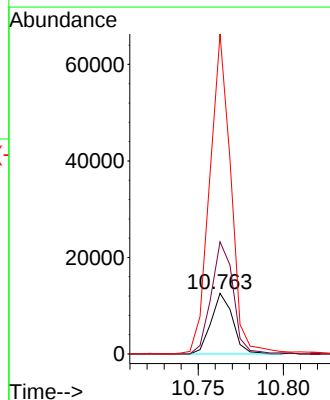
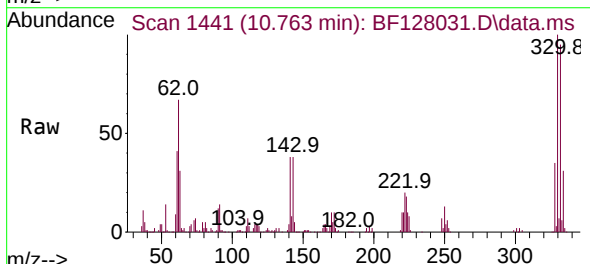
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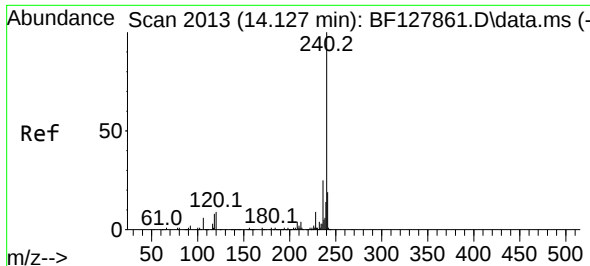
Tgt Ion:188 Resp: 293744
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.398 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion:248 Resp: 11064
Ion Ratio Lower Upper
248 100
250 185.0 77.7 116.5#
141 527.9 65.6 98.4#

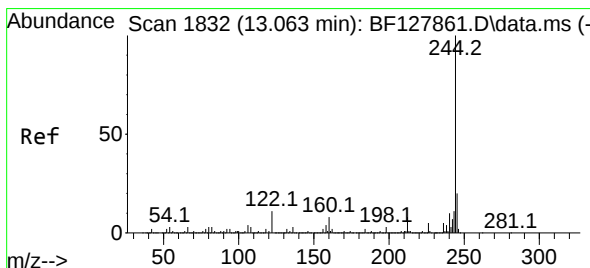
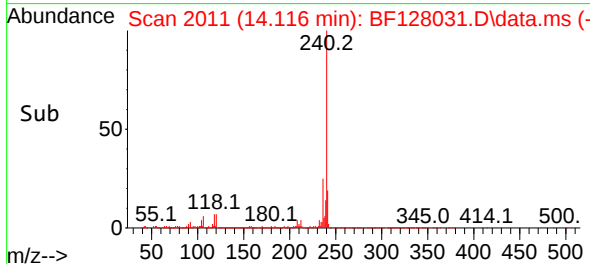
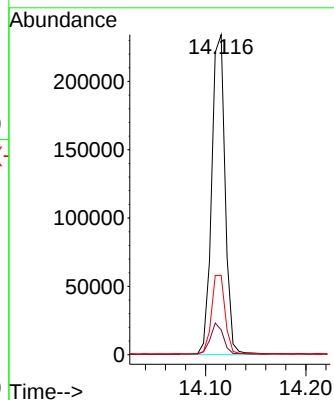
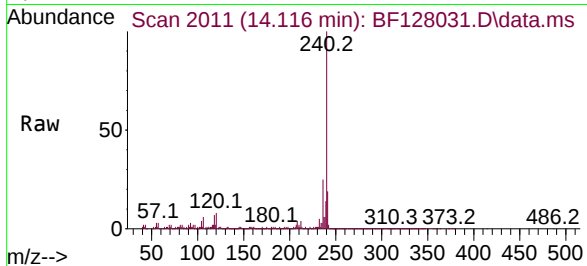




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

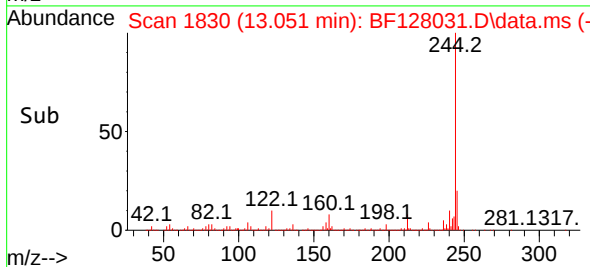
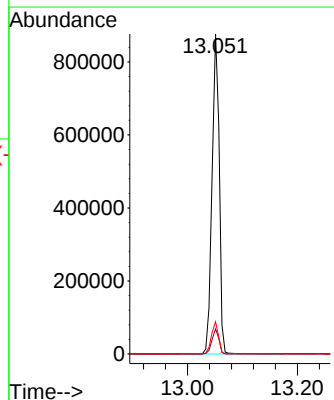
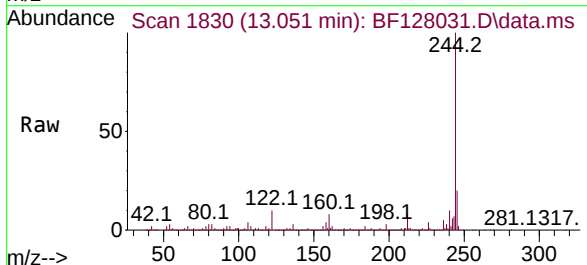
Instrument :
BNA_F
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TP-24

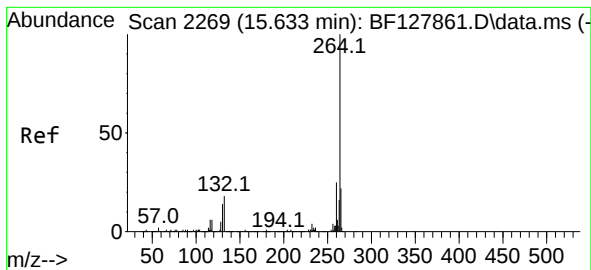
Tgt Ion:240 Resp: 218044
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 24.8 20.3 30.5



#79
Terphenyl-d14
Concen: 66.522 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion:244 Resp: 793229
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 10.1 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Instrument :
BNA_F
ClientSampleId :
TP-24

Tgt Ion:264 Resp: 151258

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	22.4	17.5	26.3

