

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127971.D
 Acq On : 28 Apr 2022 10:26
 Operator : CG\JU
 Sample : PB144254BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144254BL

Quant Time: Apr 28 17:21:15 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)

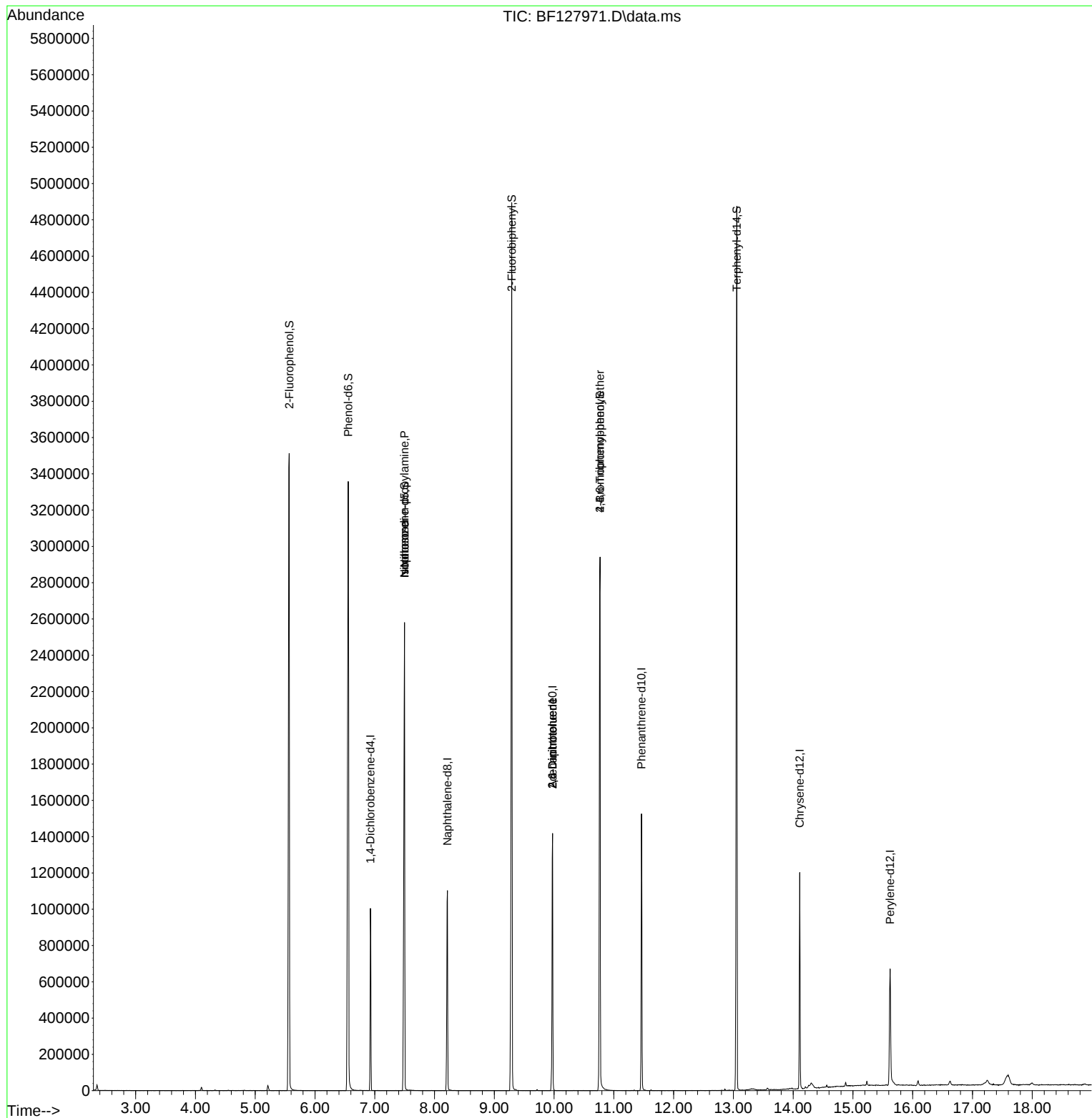
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	140581	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	554219	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	316790	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	574368	20.000	ng	0.00
76) Chrysene-d12	14.110	240	394663	20.000	ng	0.00
86) Perylene-d12	15.621	264	304737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1057576	119.823	ng	0.02
7) Phenol-d6	6.557	99	1397431	122.020	ng	0.00
23) Nitrobenzene-d5	7.498	82	1022721	86.775	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	372987	116.959	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1624259	86.740	ng	0.00
79) Terphenyl-d14	13.057	244	1771062	82.057	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	140864	20.093	ng	# 78
25) Isophorone	7.498	82	1008726	50.852	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	41335	8.986	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	41335	6.784	ng	# 26
67) 4-Bromophenyl-phenylether	10.769	248	23452	3.683	ng	# 1

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

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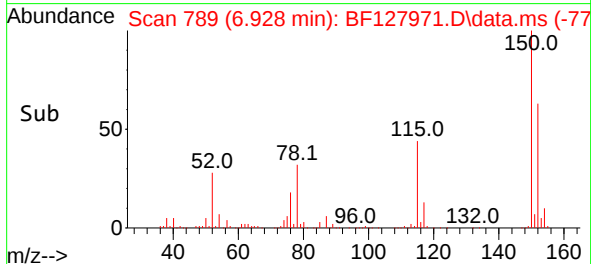
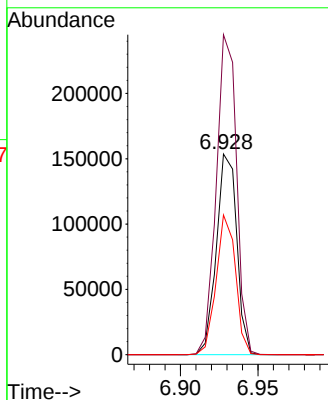
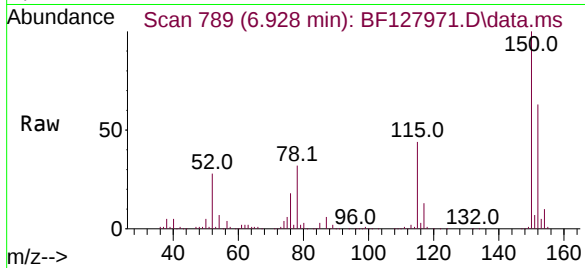




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

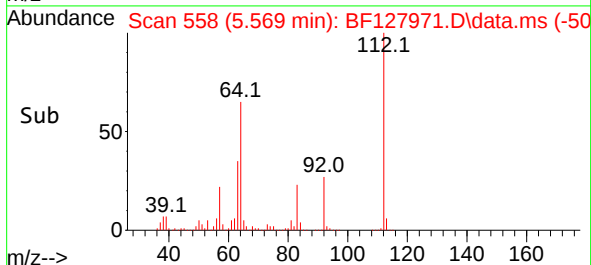
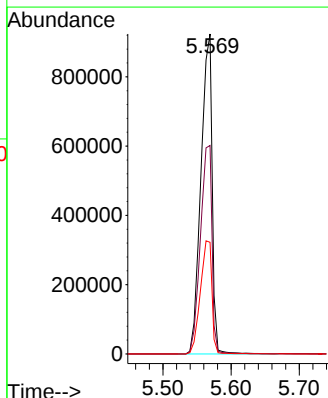
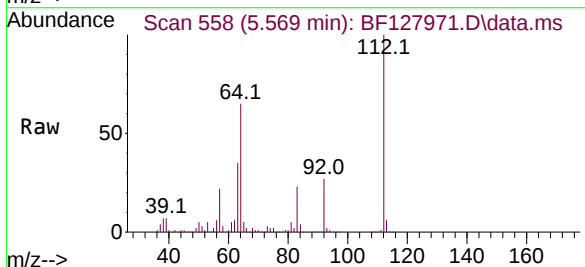
Instrument :
BNA_F
ClientSampleId :
PB144254BL

Tgt Ion:152 Resp: 140581
Ion Ratio Lower Upper
152 100
150 159.4 125.3 187.9
115 69.6 48.8 73.2



#5
2-Fluorophenol
Concen: 119.823 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:112 Resp: 1057576
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 34.9 26.3 39.5

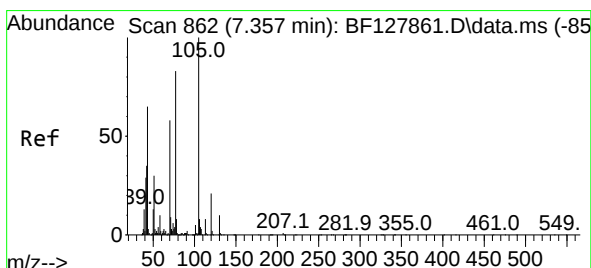
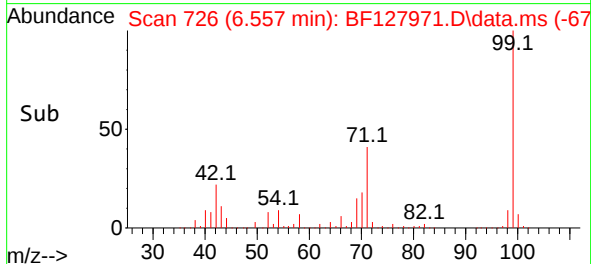
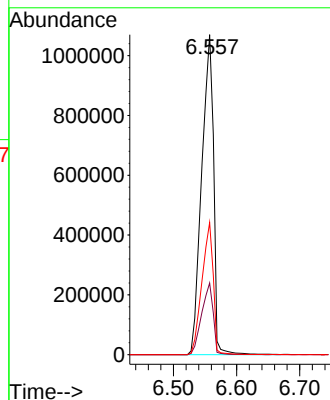
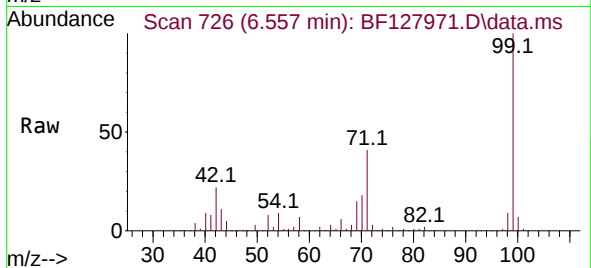




#7
Phenol-d6
Concen: 122.020 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

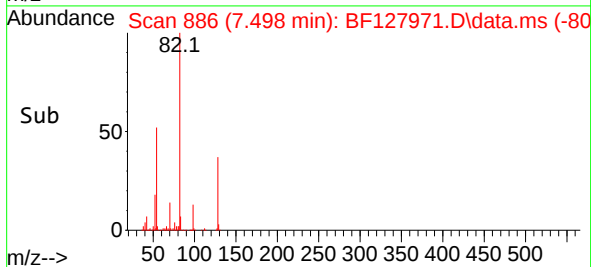
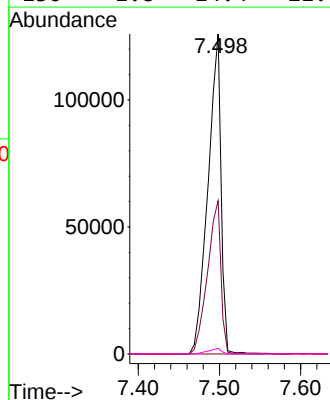
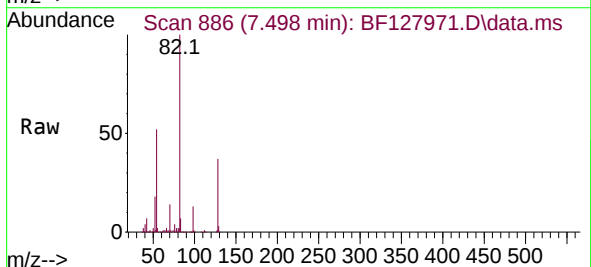
Instrument :
BNA_F
ClientSampleId :
PB144254BL

Tgt Ion: 99 Resp: 1397431
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.093 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion: 70 Resp: 140864
Ion Ratio Lower Upper
70 100
42 47.9 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

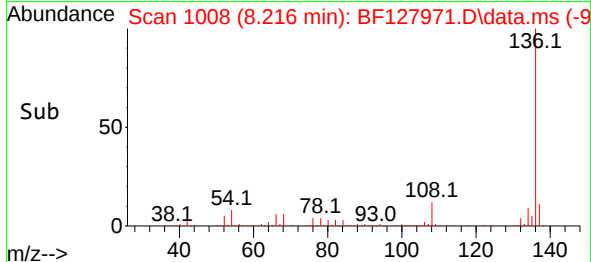
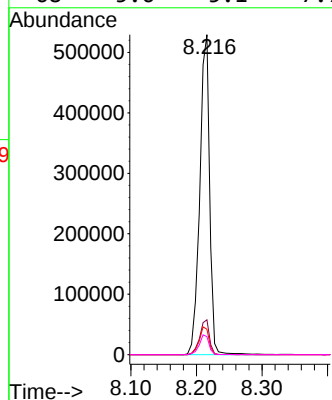
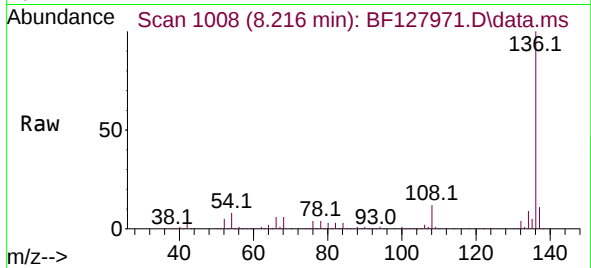




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

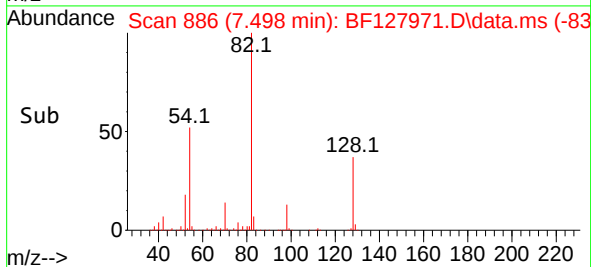
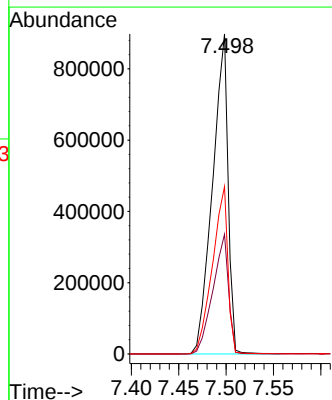
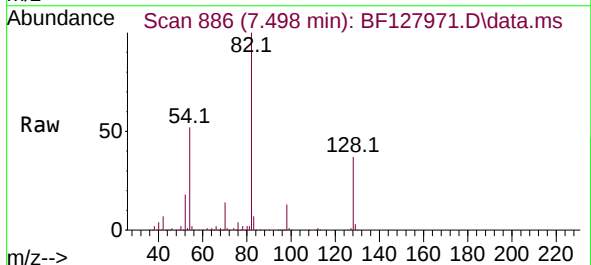
Instrument :
BNA_F
ClientSampleId :
PB144254BL

Tgt Ion:136	Resp: 554219
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.0	6.8 10.2
68 5.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 86.775 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion: 82		Resp: 1022721	
Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	52.3	41.3	61.9

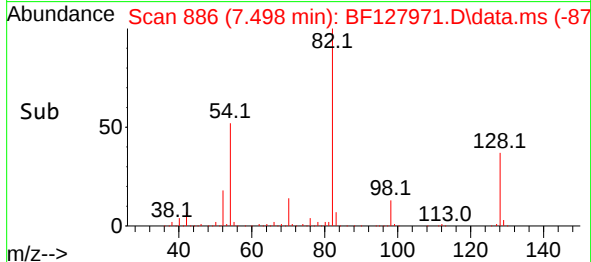
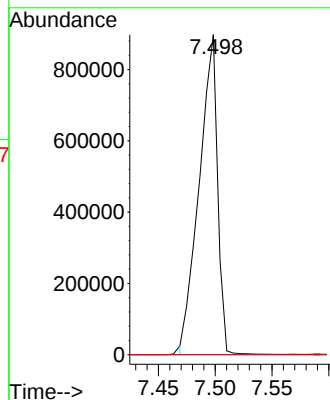
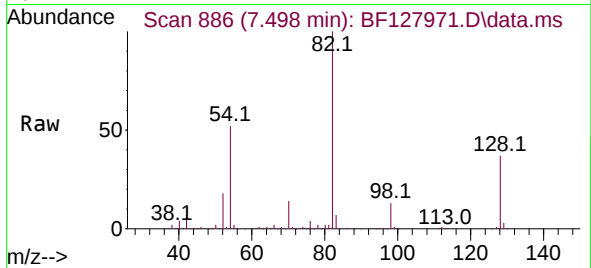




#25
Isophorone
Concen: 50.852 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

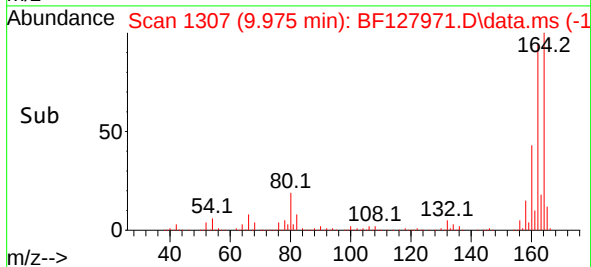
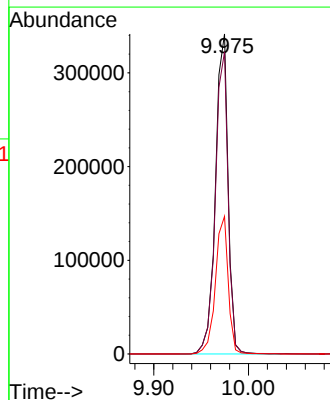
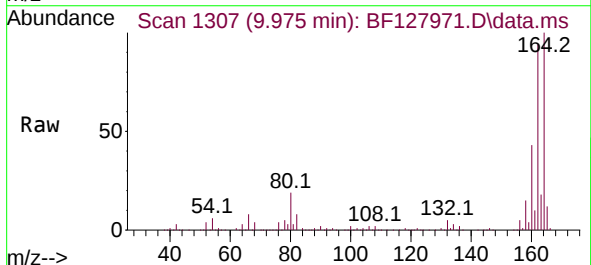
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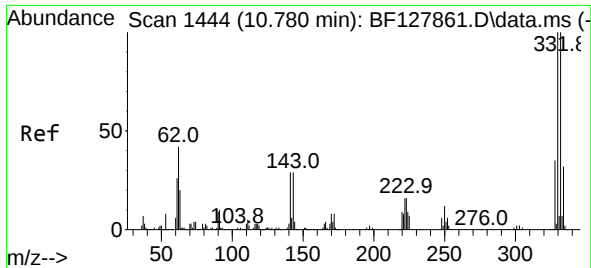
Tgt Ion: 82 Resp: 1008726
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:164 Resp: 316790
Ion Ratio Lower Upper
164 100
162 94.4 76.0 114.0
160 43.0 34.8 52.2

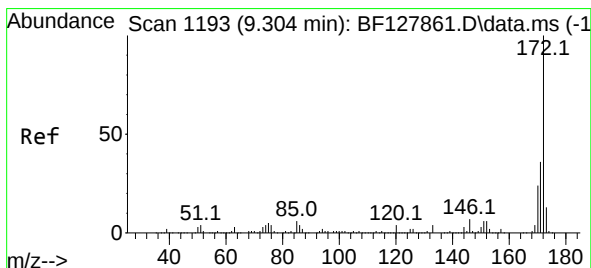
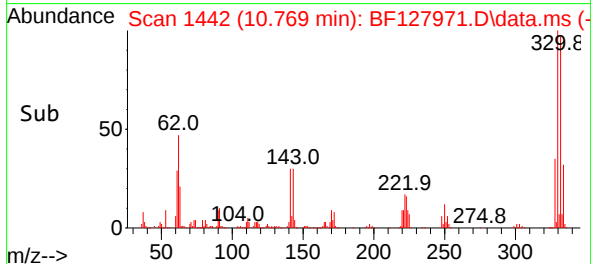
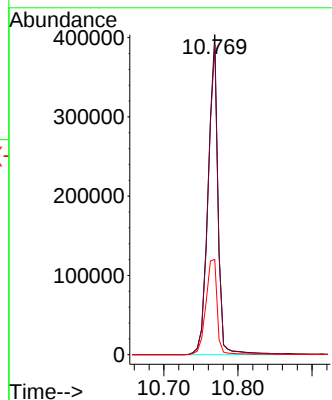
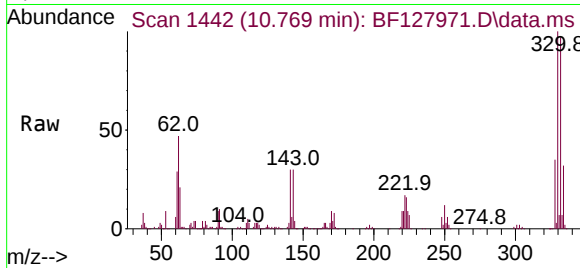




#42
2,4,6-Tribromophenol
Concen: 116.959 ng
RT: 10.769 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

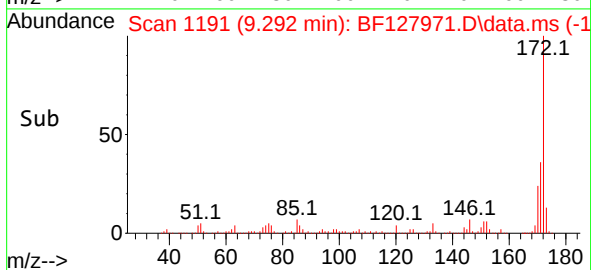
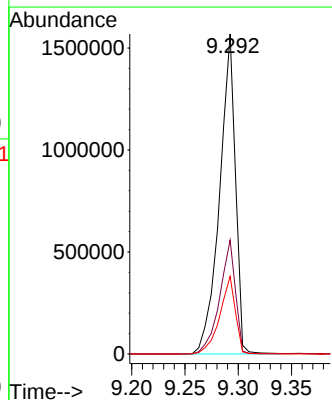
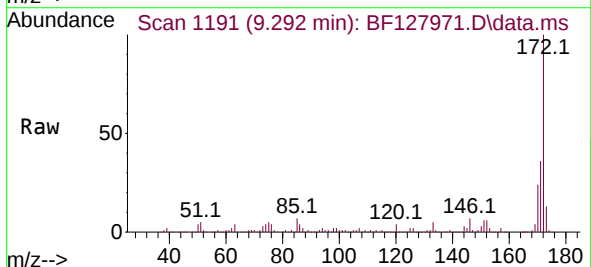
Instrument :
BNA_F
ClientSampleId :
PB144254BL

Tgt Ion:330 Resp: 372987
Ion Ratio Lower Upper
330 100
332 98.2 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 86.740 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:172 Resp: 1624259
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.2 19.1 28.7

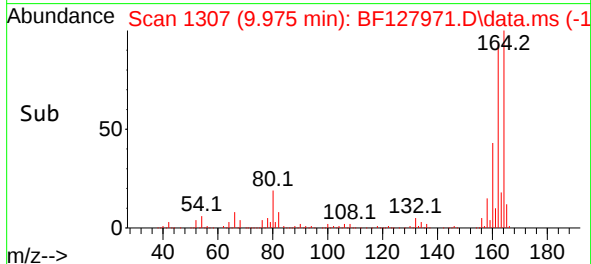
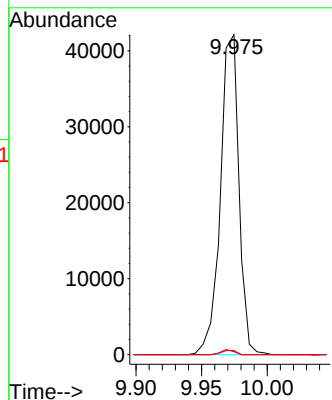
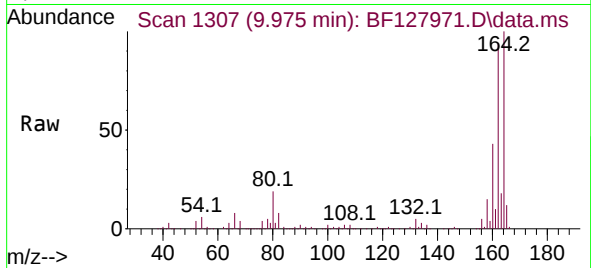




#51
2,6-Dinitrotoluene
Concen: 8.986 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

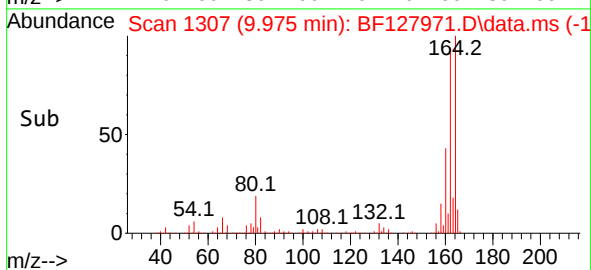
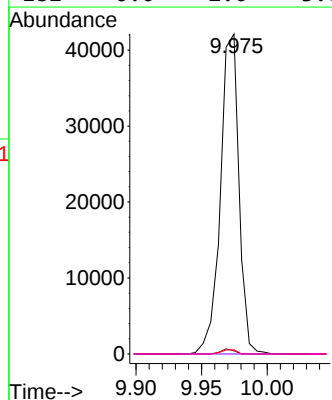
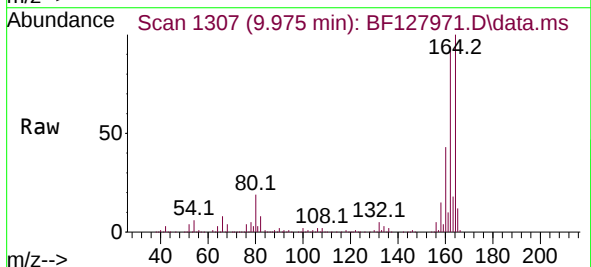
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BNA_F
ClientSampleId :
PB144254BL

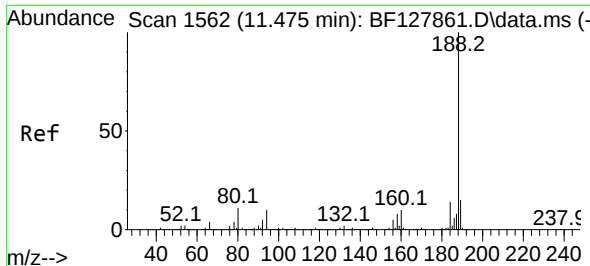
Tgt Ion:165 Resp: 41335
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.784 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.188 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:165 Resp: 41335
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

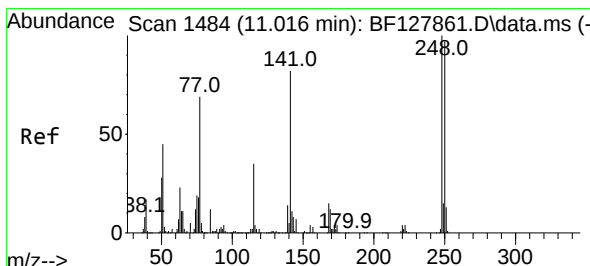
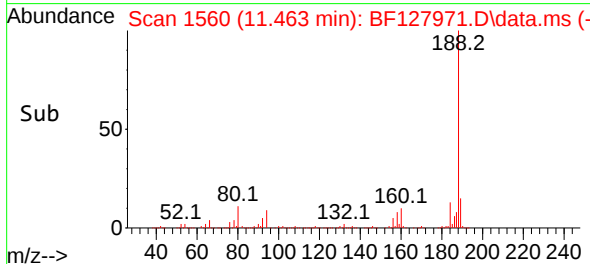
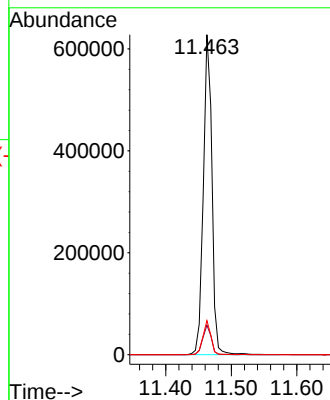
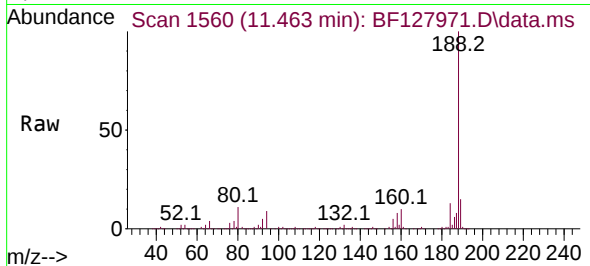




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

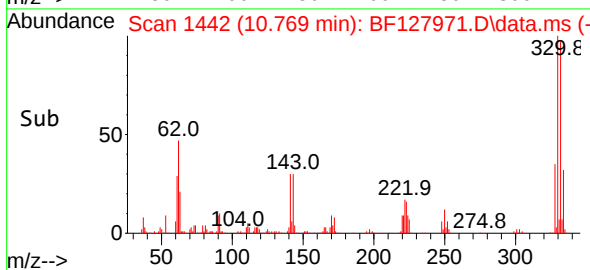
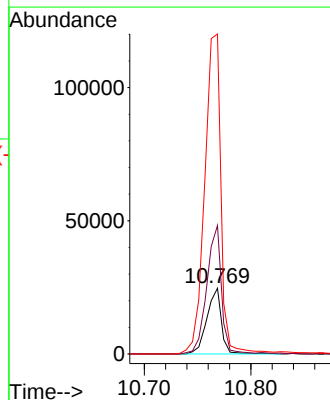
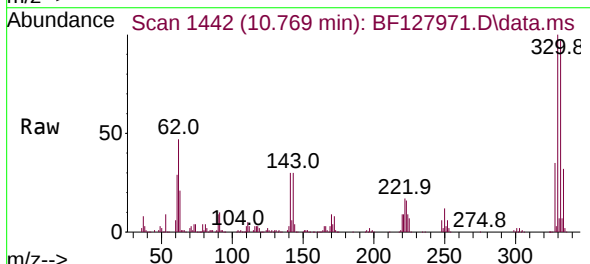
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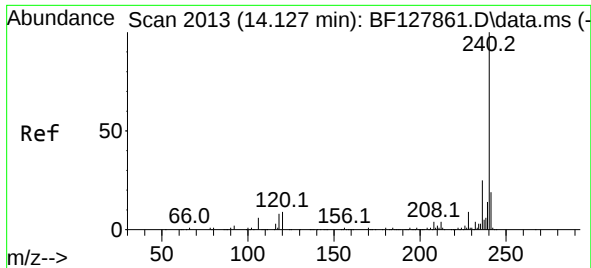
Tgt Ion:188 Resp: 574368
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.683 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:248 Resp: 23452
Ion Ratio Lower Upper
248 100
250 195.4 77.7 116.5#
141 486.9 65.6 98.4#

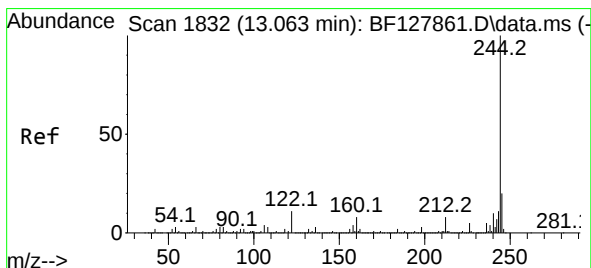
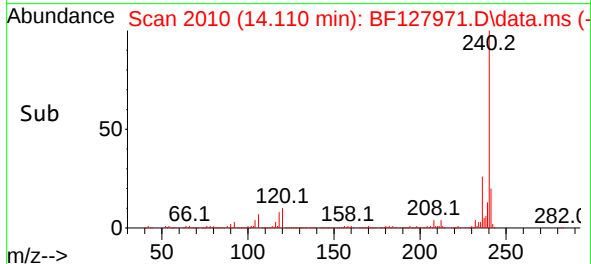
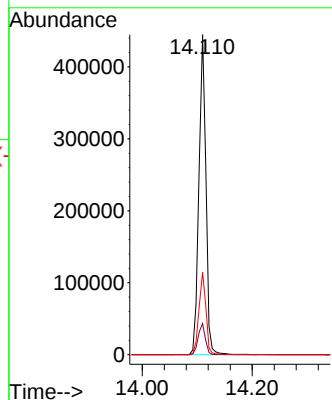
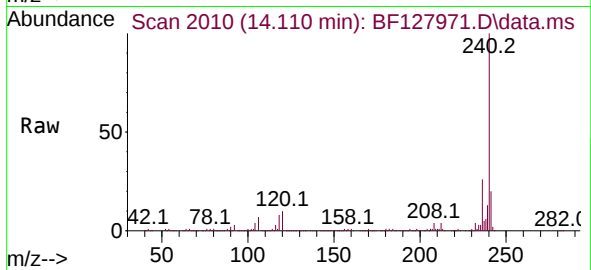




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

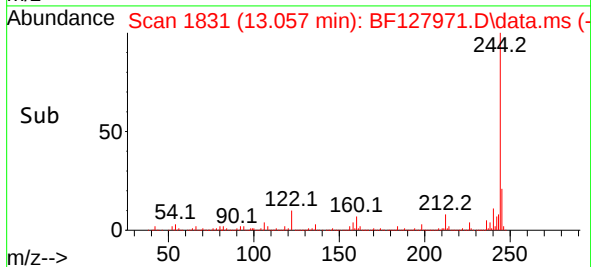
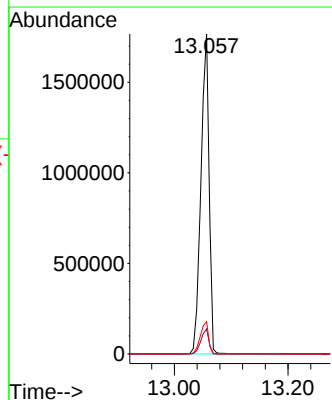
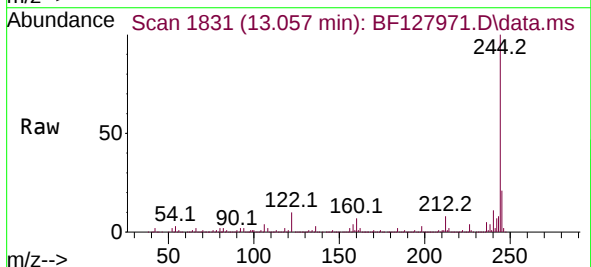
Instrument :
BNA_F
ClientSampleId :
PB144254BL

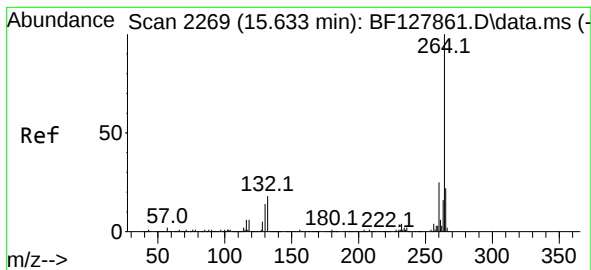
Tgt Ion:240 Resp: 394663
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 82.057 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BF127971.D
Acq: 28 Apr 2022 10:26

Tgt Ion:244 Resp: 1771062
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.1 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127971.D

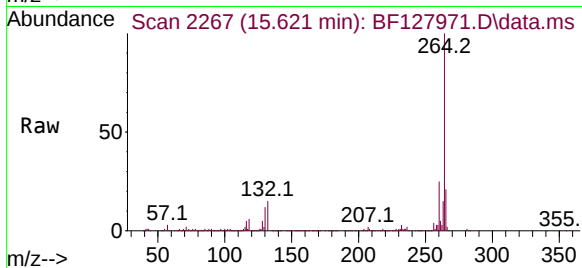
Acq: 28 Apr 2022 10:26

Instrument :

BNA_F

ClientSampleId :

PB144254BL



Tgt Ion:264 Resp: 304737

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

265 21.4 17.5 26.3

