

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127975.D
 Acq On : 28 Apr 2022 12:19
 Operator : CG\JU
 Sample : PB144382BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144382BL

Quant Time: Apr 28 17:23:20 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)

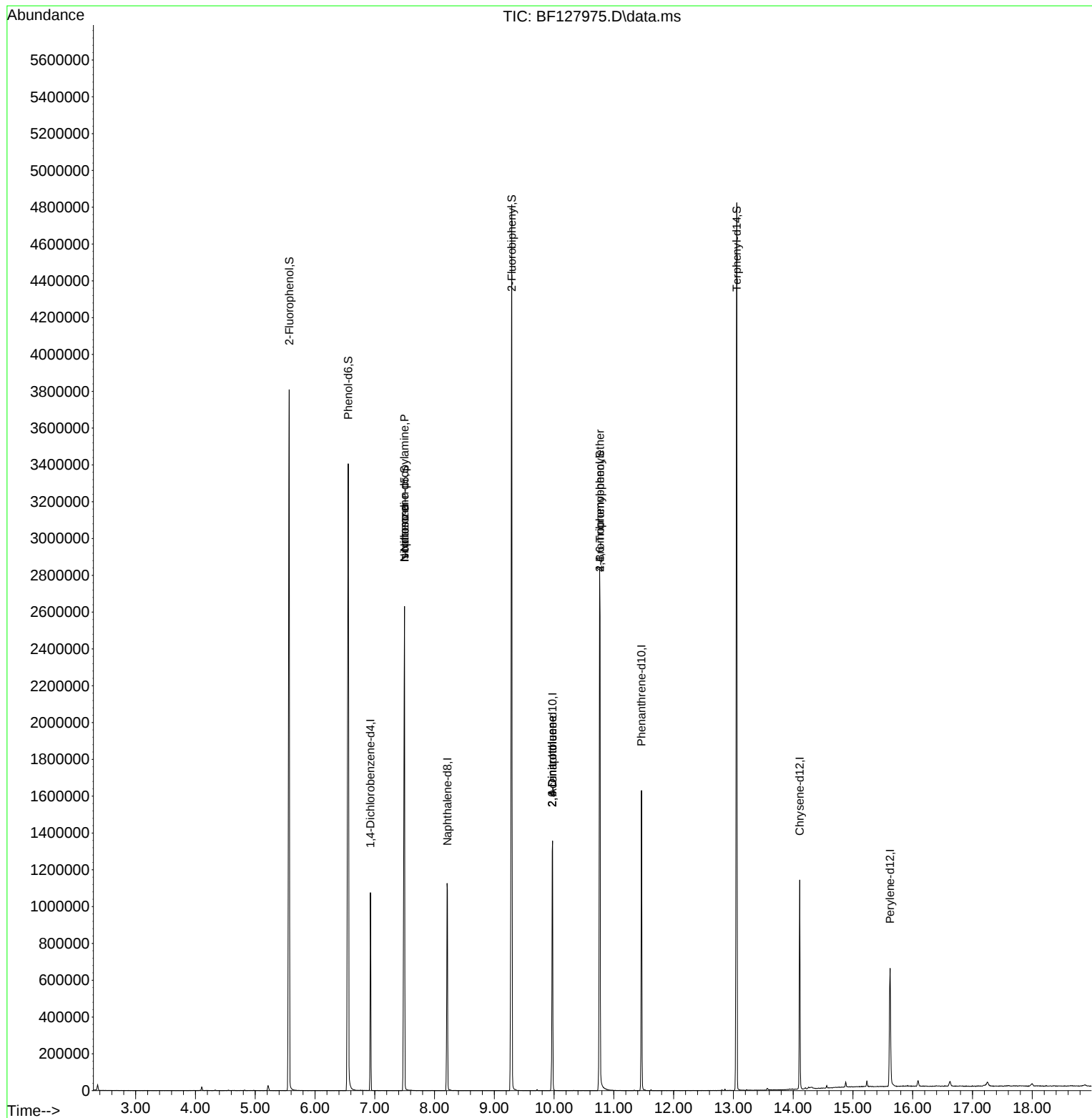
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	142510	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	566768	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	322153	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	578047	20.000	ng	0.00
76) Chrysene-d12	14.110	240	393241	20.000	ng	0.00
86) Perylene-d12	15.621	264	310262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1071776	119.789	ng	0.02
7) Phenol-d6	6.557	99	1414124	121.806	ng	0.00
23) Nitrobenzene-d5	7.498	82	1047313	86.894	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	379867	117.134	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1660204	87.183	ng	0.00
79) Terphenyl-d14	13.057	244	1785987	83.048	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	142813	20.095	ng	Qvalue # 78
25) Isophorone	7.498	82	1032432	50.895	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	41820	8.940	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	41820	6.749	ng	# 25
67) 4-Bromophenyl-phenylether	10.769	248	24057	3.754	ng	# 1

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

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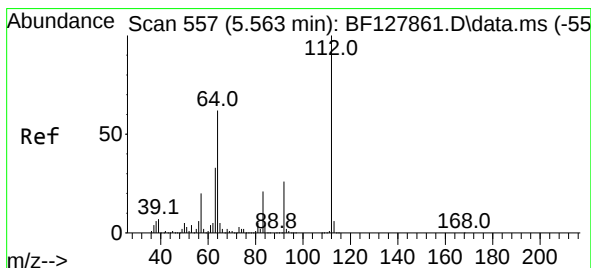
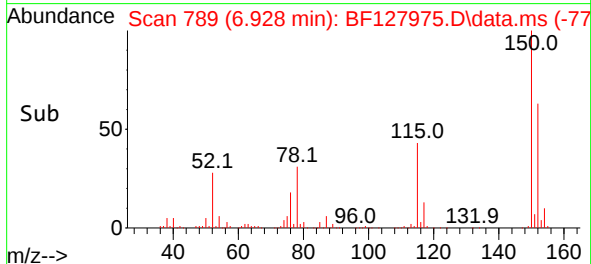
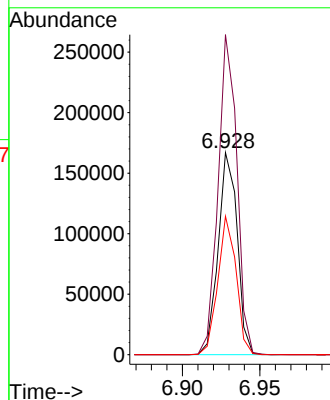
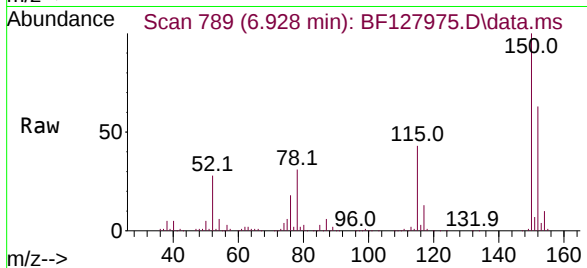




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127975.D
 Acq: 28 Apr 2022 12:19

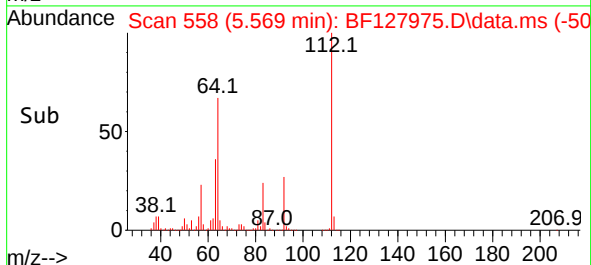
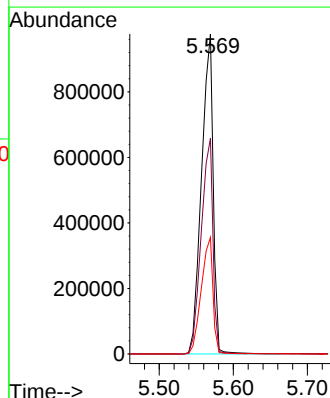
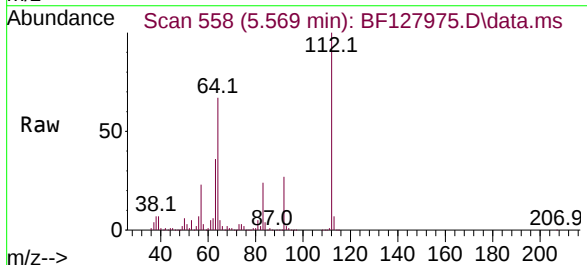
Instrument :
 BNA_F
 ClientSampleId :
 PB144382BL

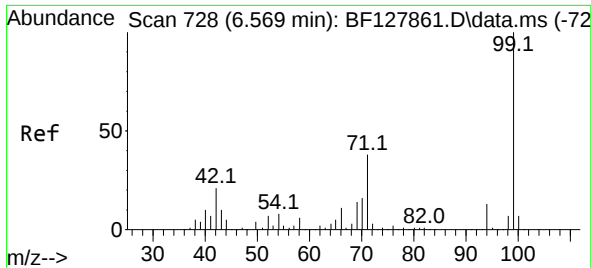
Tgt Ion:152 Resp: 142510
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.3 187.9
 115 68.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 119.789 ng
 RT: 5.569 min Scan# 558
 Delta R.T. 0.018 min
 Lab File: BF127975.D
 Acq: 28 Apr 2022 12:19

Tgt Ion:112 Resp: 1071776
 Ion Ratio Lower Upper
 112 100
 64 67.4 49.5 74.3
 63 36.4 26.3 39.5

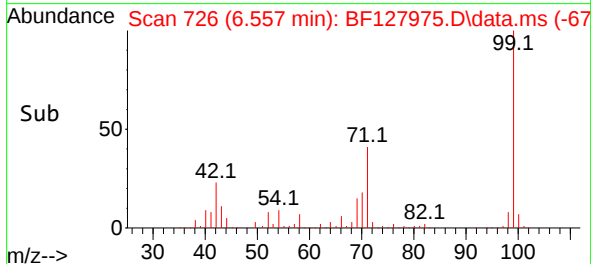
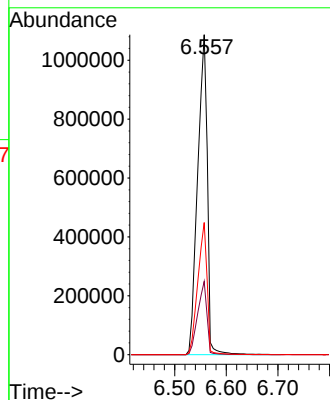
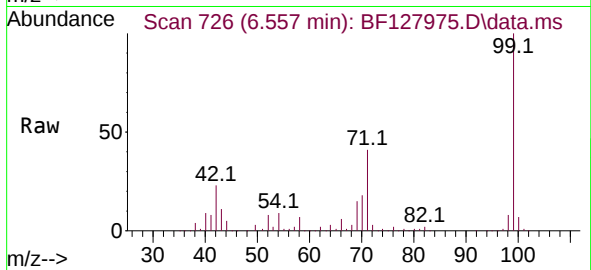




#7
Phenol-d6
Concen: 121.806 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

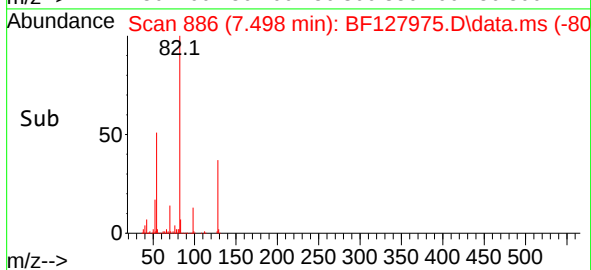
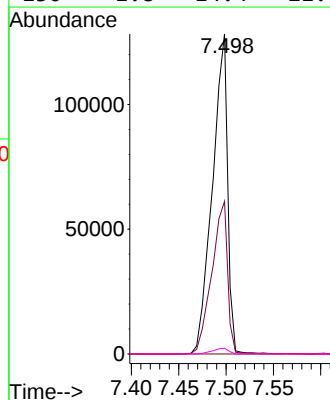
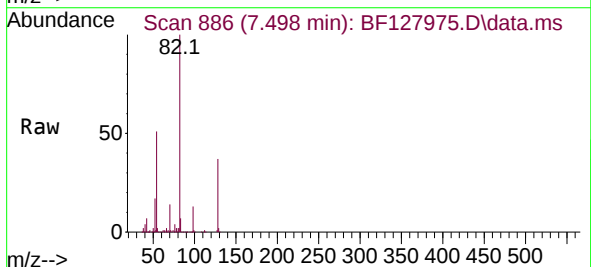
Instrument :
BNA_F
ClientSampleId :
PB144382BL

Tgt Ion: 99 Resp: 1414124
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.095 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

Tgt Ion: 70 Resp: 142813
Ion Ratio Lower Upper
70 100
42 47.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

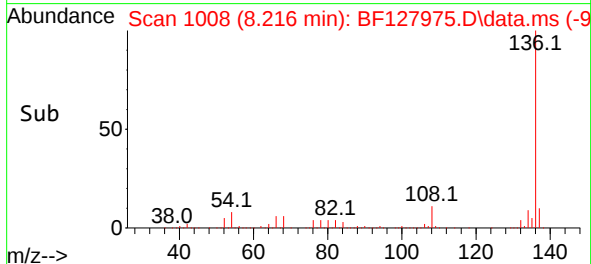
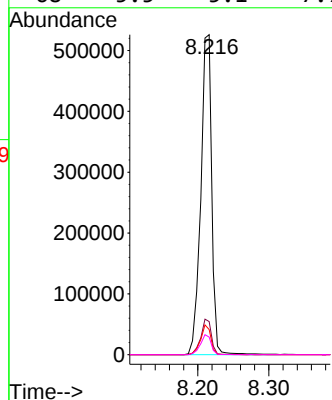
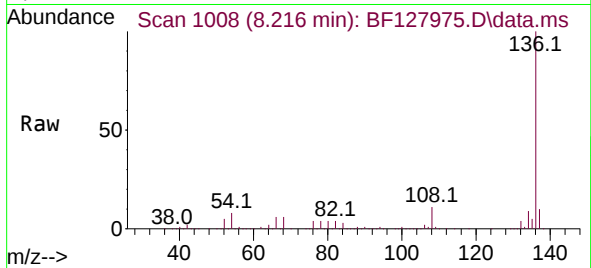




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

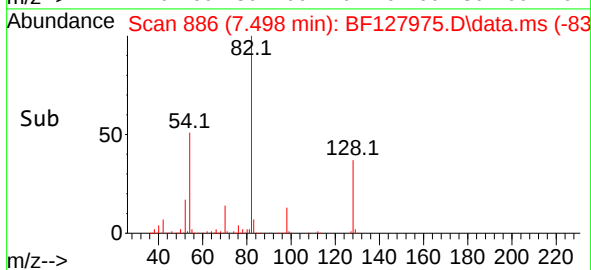
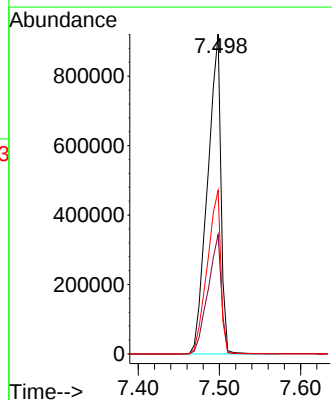
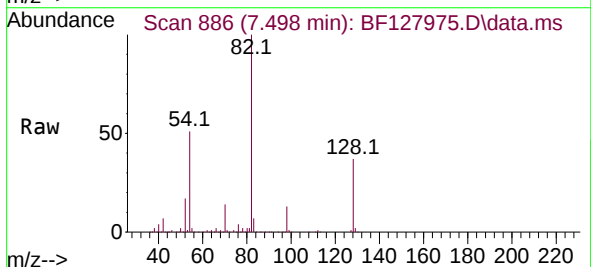
Instrument :
BNA_F
ClientSampleId :
PB144382BL

Tgt Ion:	136	Resp:	566768
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.9	6.8	10.2
68	5.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 86.894 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

Tgt Ion:	82	Resp:	1047313
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.0	45.0
54	51.1	41.3	61.9

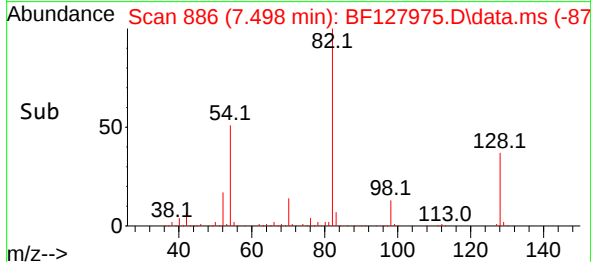
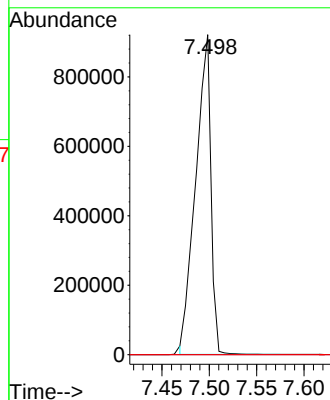
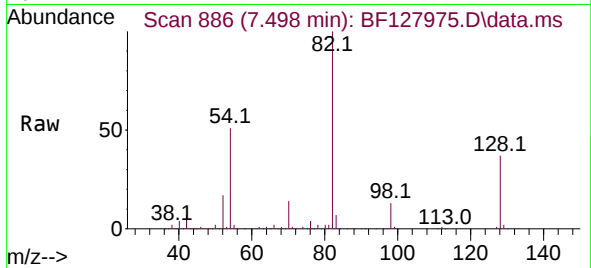




#25
Isophorone
Concen: 50.895 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

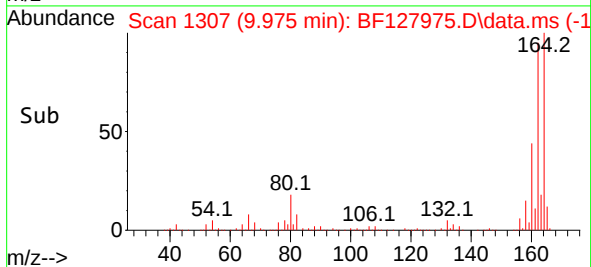
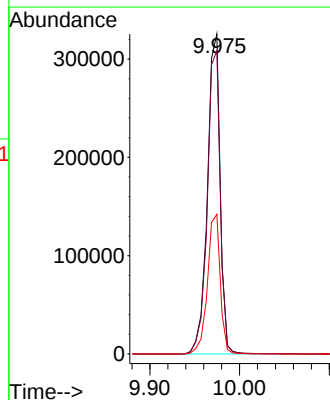
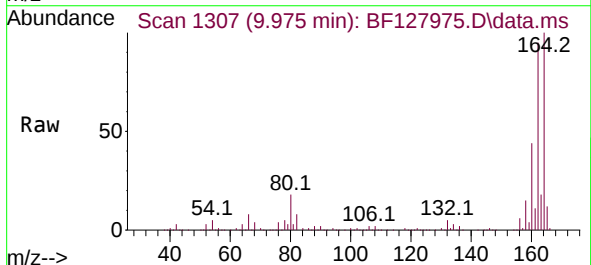
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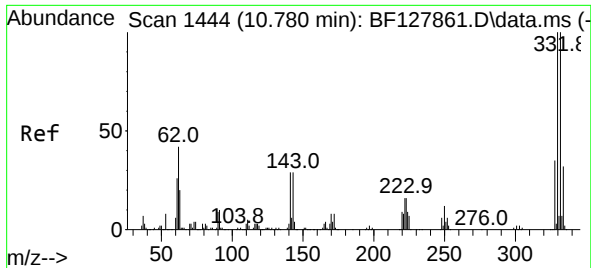
Tgt Ion: 82 Resp: 1032432
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

Tgt Ion: 164 Resp: 322153
Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 43.6 34.8 52.2

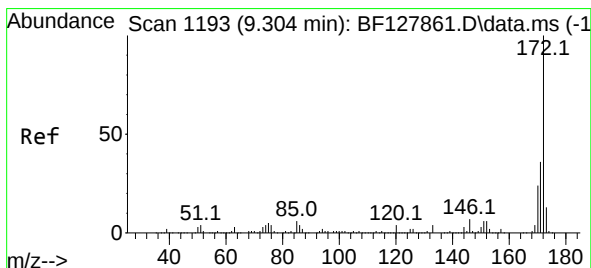
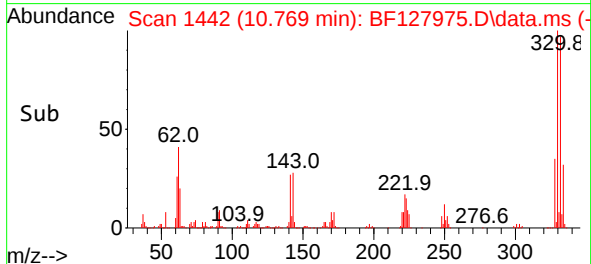
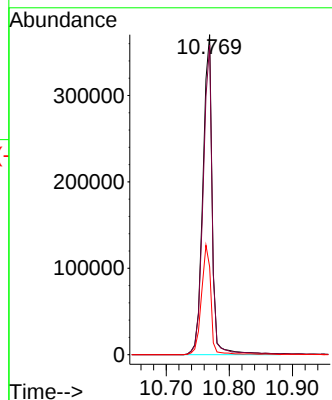
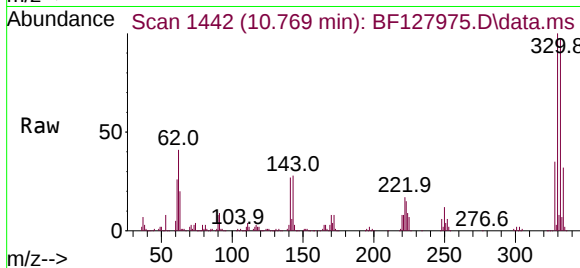




#42
2,4,6-Tribromophenol
Concen: 117.134 ng
RT: 10.769 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

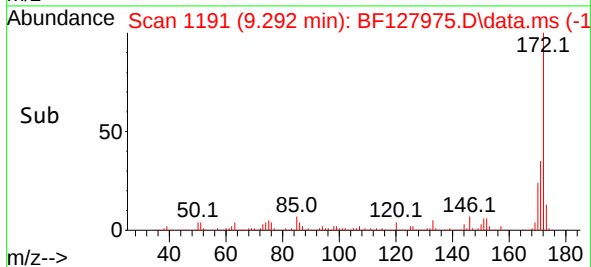
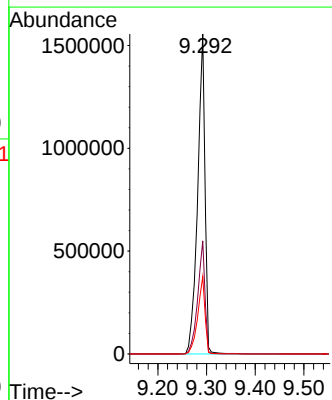
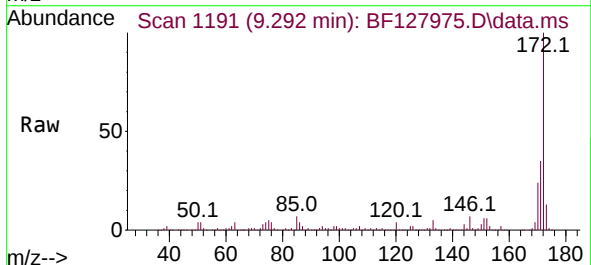
Instrument :
BNA_F
ClientSampleId :
PB144382BL

Tgt Ion:330 Resp: 379867
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 87.183 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

Tgt Ion:172 Resp: 1660204
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 24.1 19.1 28.7

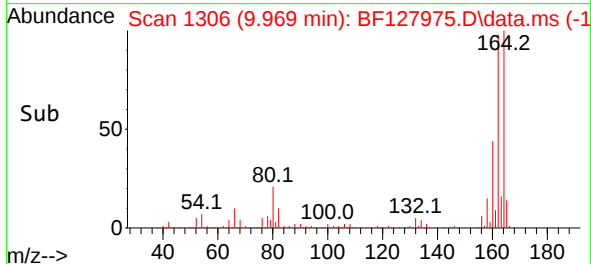
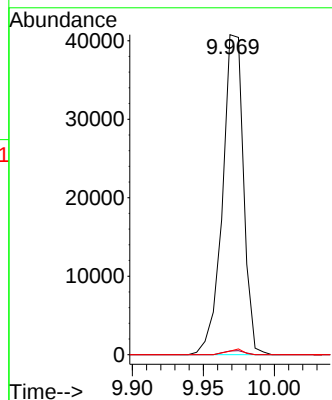
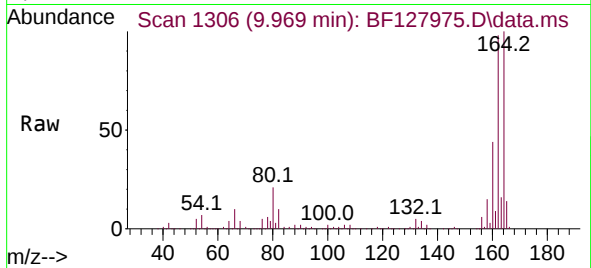




#51
2,6-Dinitrotoluene
Concen: 8.940 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

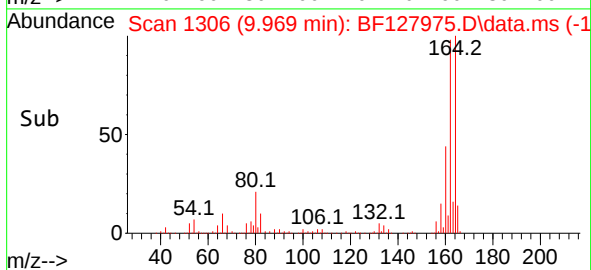
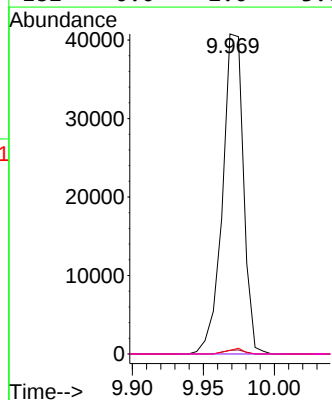
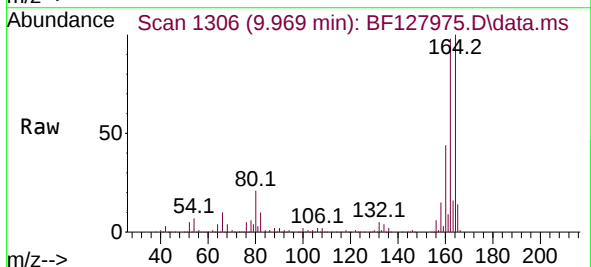
Instrument :
BNA_F
ClientSampleId :
PB144382BL

Tgt Ion:165 Resp: 41820
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.749 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

Tgt Ion:165 Resp: 41820
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

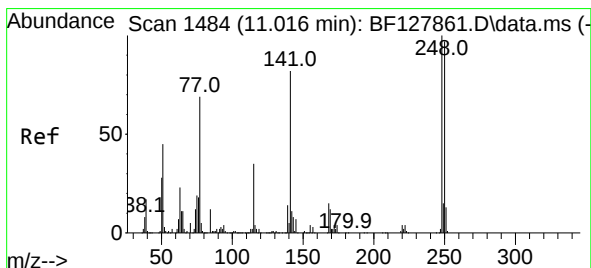
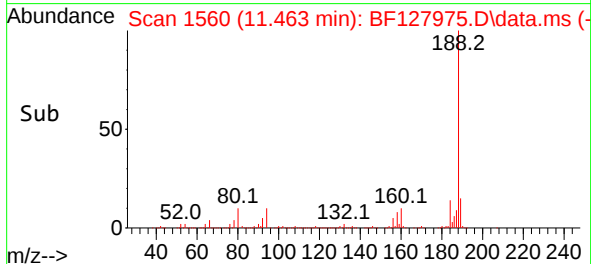
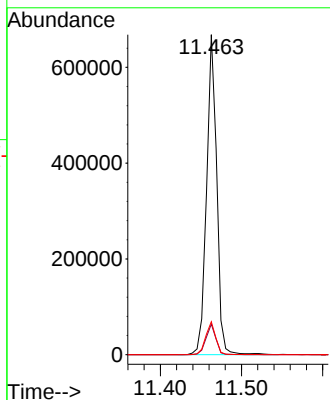
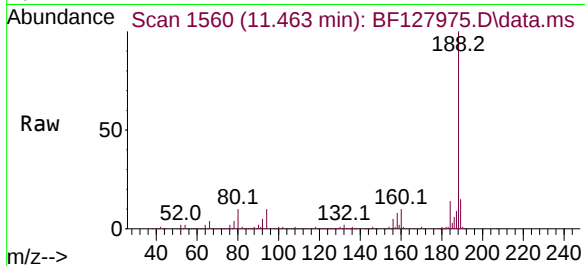




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

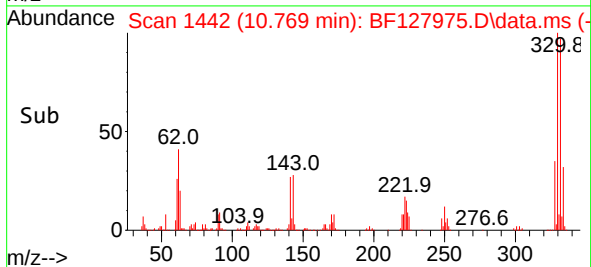
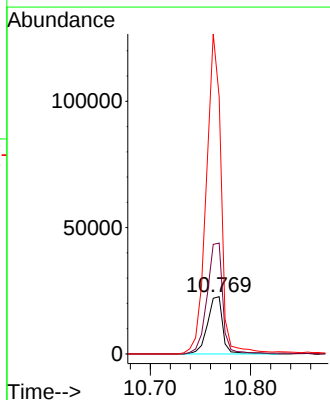
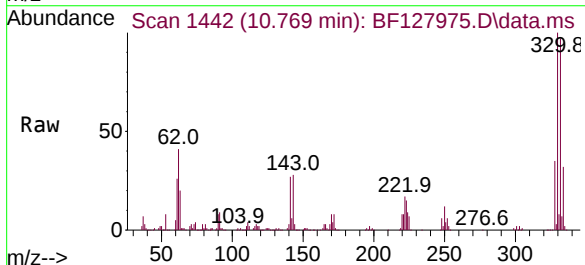
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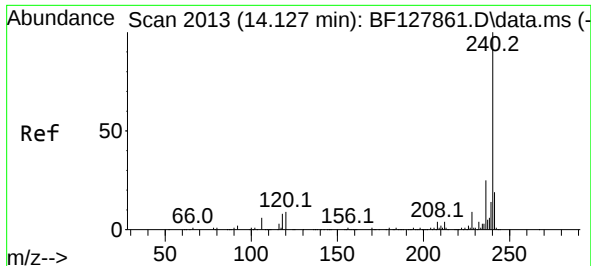
Tgt Ion:188 Resp: 578047
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.754 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

Tgt Ion:248 Resp: 24057
Ion Ratio Lower Upper
248 100
250 193.7 77.7 116.5#
141 449.2 65.6 98.4#

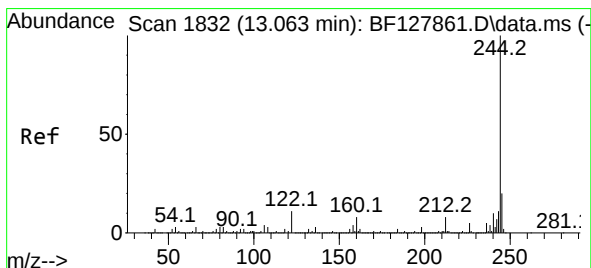
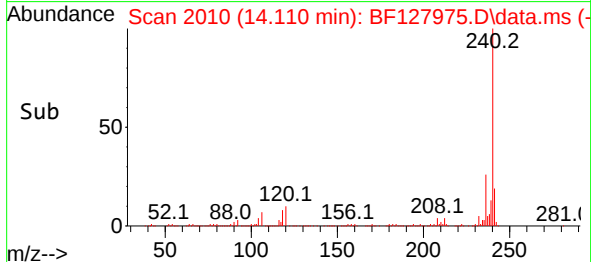
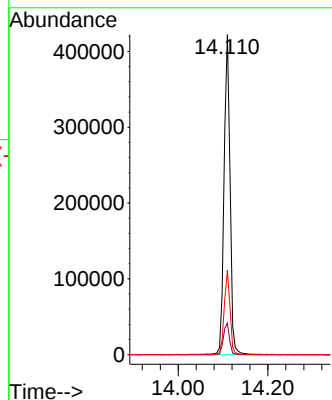
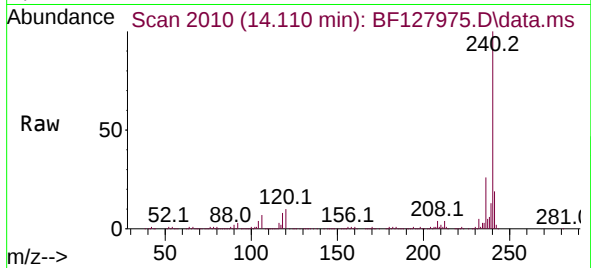




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

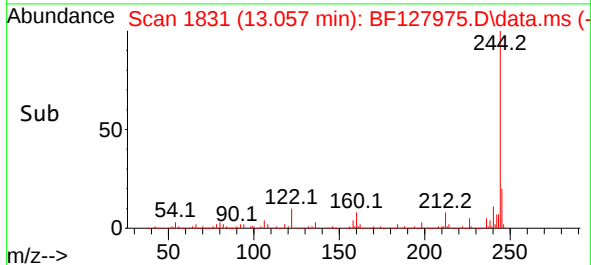
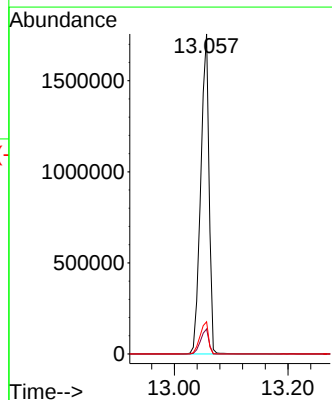
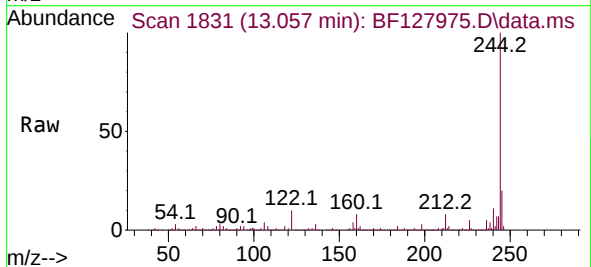
Instrument :
BNA_F
ClientSampleId :
PB144382BL

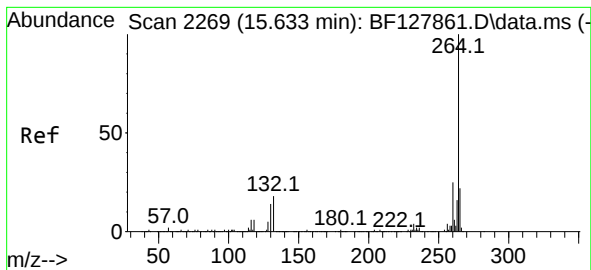
Tgt Ion:240 Resp: 393241
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 83.048 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BF127975.D
Acq: 28 Apr 2022 12:19

Tgt Ion:244 Resp: 1785987
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.0 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: BF127975.D

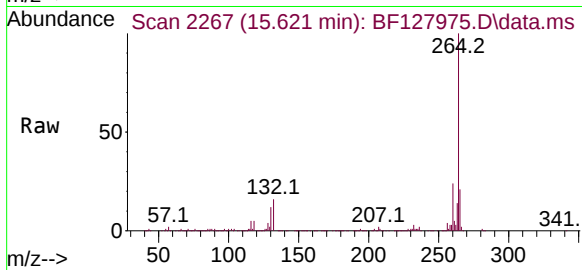
Acq: 28 Apr 2022 12:19

Instrument :

BNA_F

ClientSampleId :

PB144382BL



Tgt Ion:264 Resp: 310262

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 20.7 17.5 26.3

