

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128804.D
 Acq On : 14 Jun 2022 17:14
 Operator : CG\JU
 Sample : N3329-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PALMYRA-RT-73-COMP-1

Quant Time: Jun 15 01:01:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

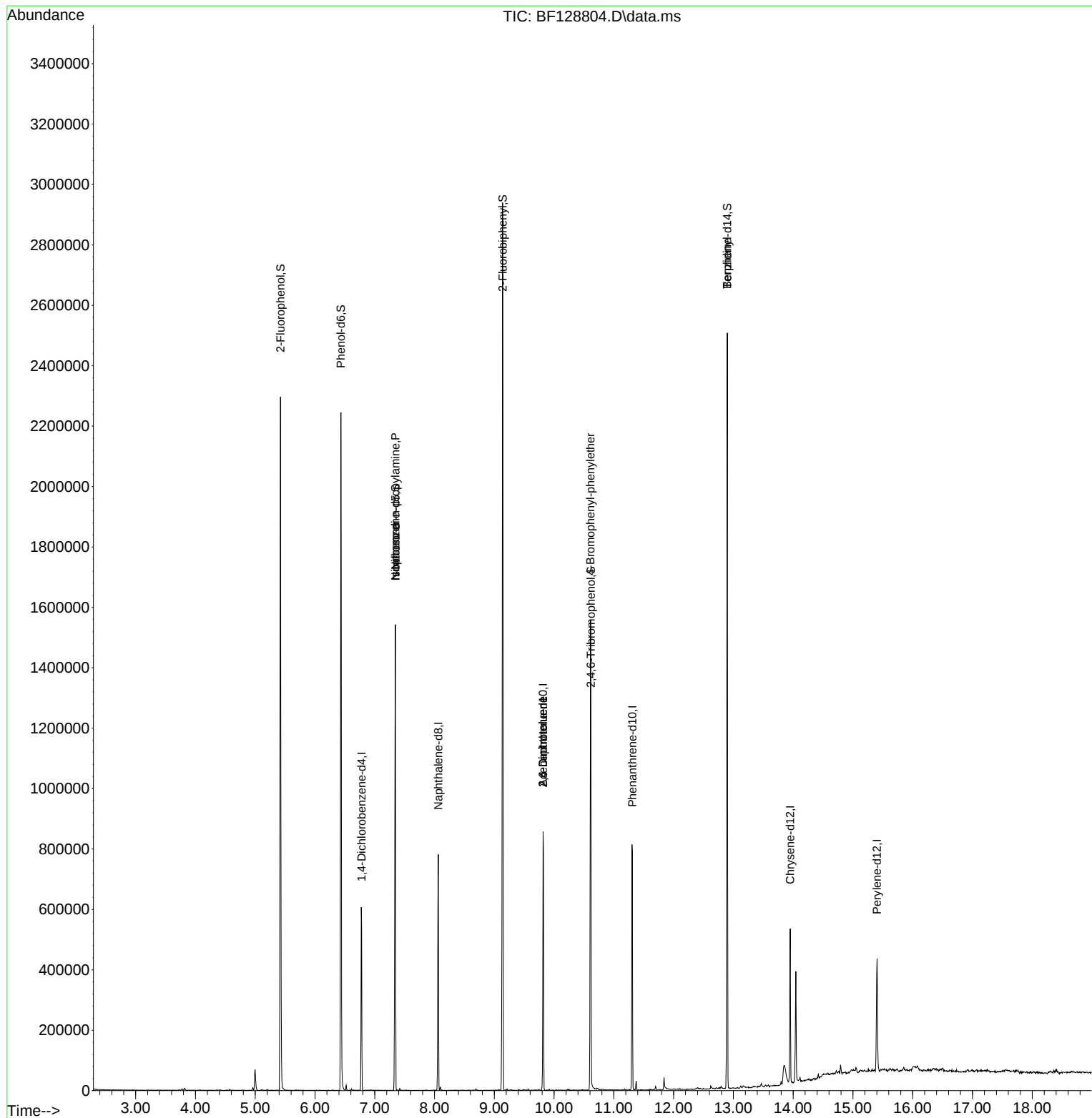
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83840	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	318513	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	179942	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	312548	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	165945	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	169855	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	524599	99.666	ng	0.00
7) Phenol-d6	6.434	99	663635	103.288	ng	0.00
23) Nitrobenzene-d5	7.345	82	470524	68.779	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	179933	84.630	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	902039	70.221	ng	0.00
79) Terphenyl-d14	12.898	244	778325	81.500	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	67073	16.790	ng	# 73
25) Isophorone	7.345	82	470415	45.275	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	22593	9.294	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	22593	6.964	ng	# 22
67) 4-Bromophenyl-phenylether	10.610	248	11666	3.347	ng	# 1
77) Benzydine	12.898	184	10870	3.286	ng	# 93

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

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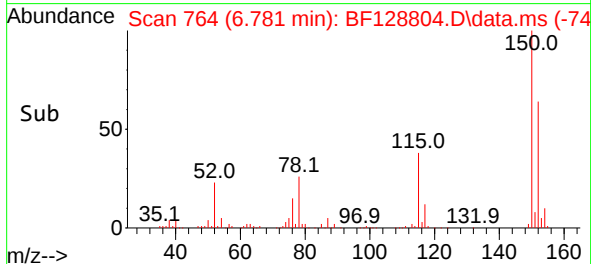
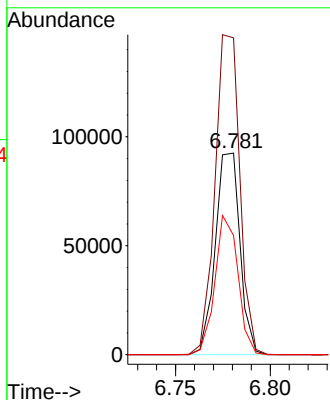
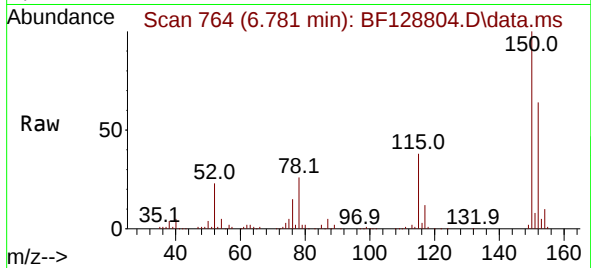




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

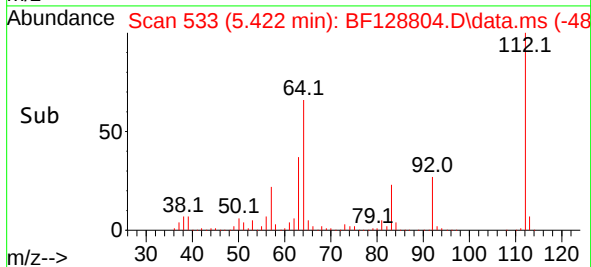
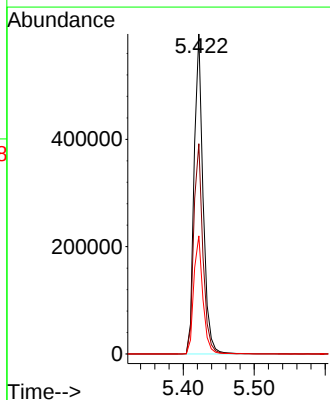
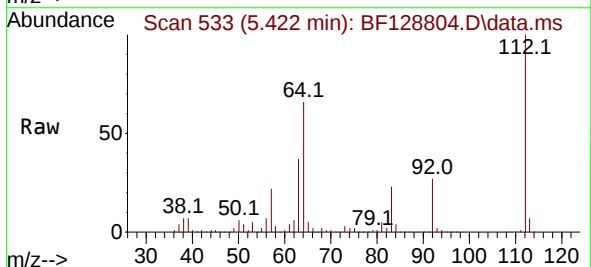
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-1

Tgt Ion:152 Resp: 83840
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 59.1 49.9 74.9



#5
2-Fluorophenol
Concen: 99.666 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

Tgt Ion:112 Resp: 524599
Ion Ratio Lower Upper
112 100
64 65.7 53.3 79.9
63 36.9 28.0 42.0

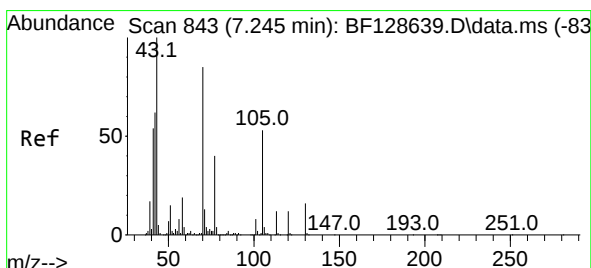
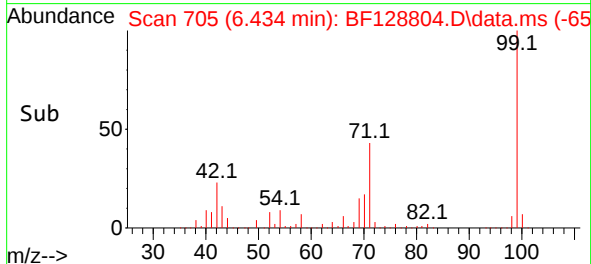
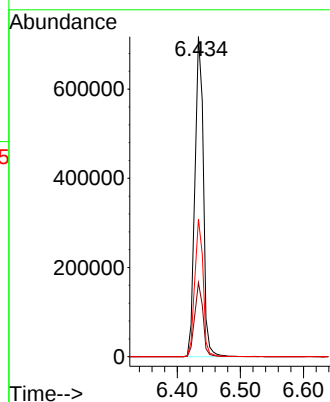
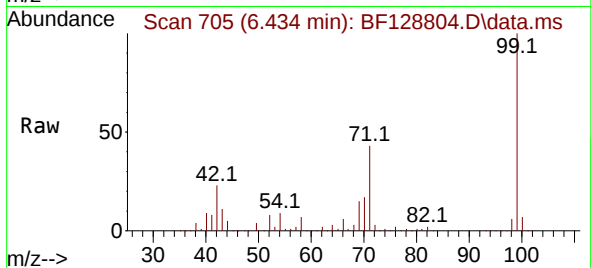




#7
Phenol-d6
Concen: 103.288 ng
RT: 6.434 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

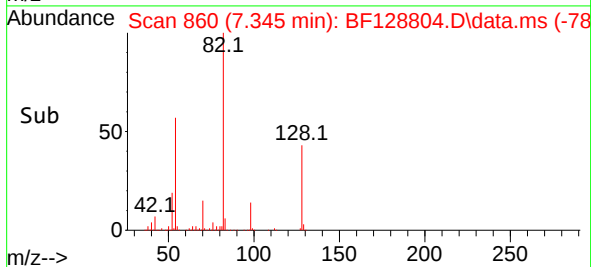
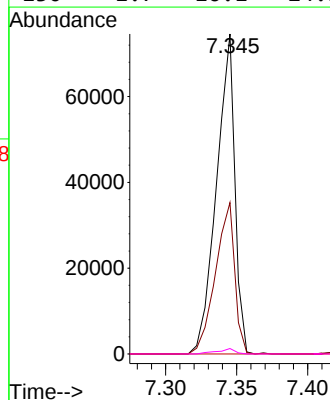
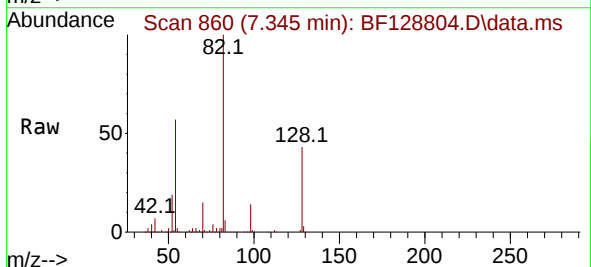
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-1

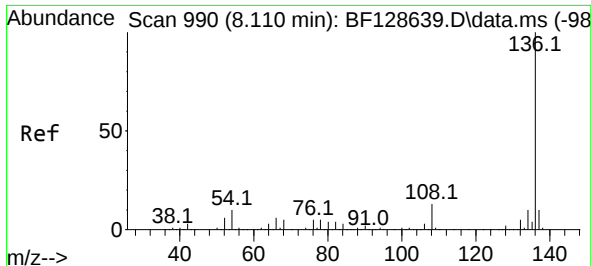
Tgt Ion: 99 Resp: 663635
Ion Ratio Lower Upper
99 100
42 23.1 17.3 25.9
71 43.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.790 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

Tgt Ion: 70 Resp: 67073
Ion Ratio Lower Upper
70 100
42 47.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

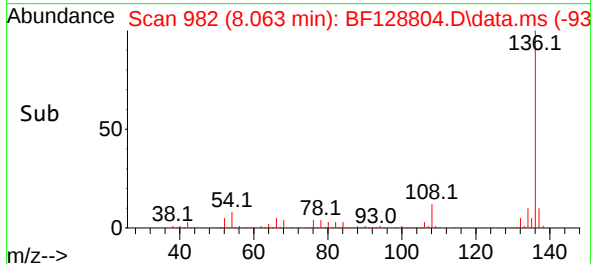
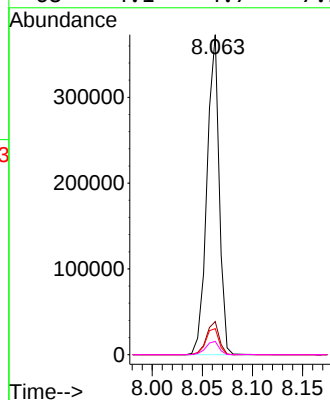
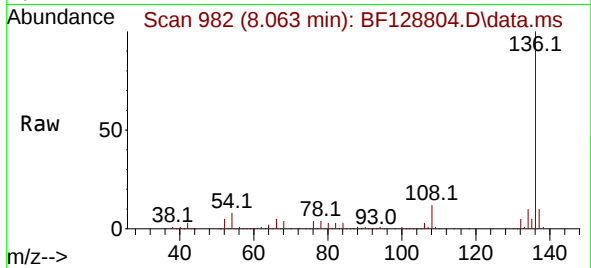




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

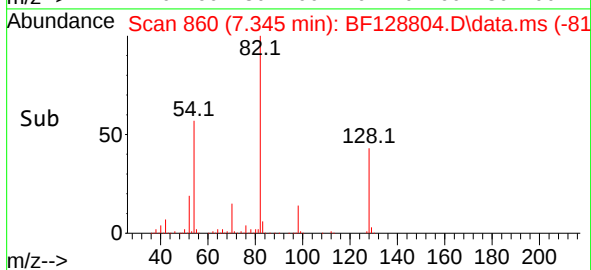
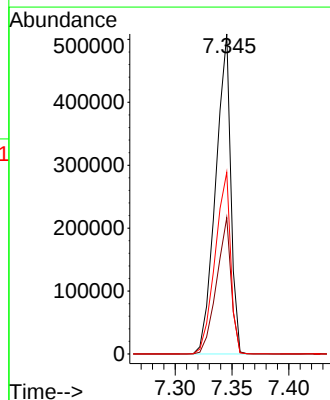
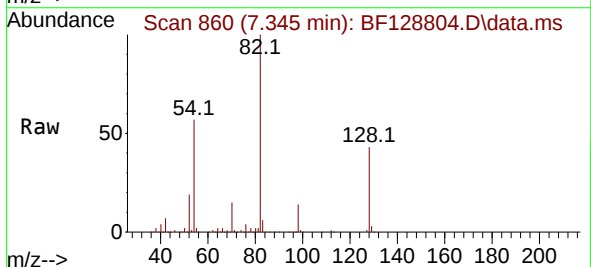
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-1

Tgt Ion:	136	Resp:	318513
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.2	7.5	11.3
68	4.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 68.779 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

Tgt Ion:	82	Resp:	470524
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	56.8	46.9	70.3

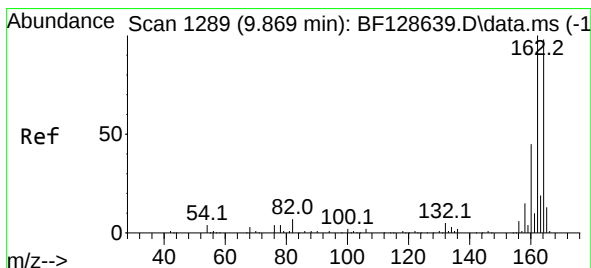
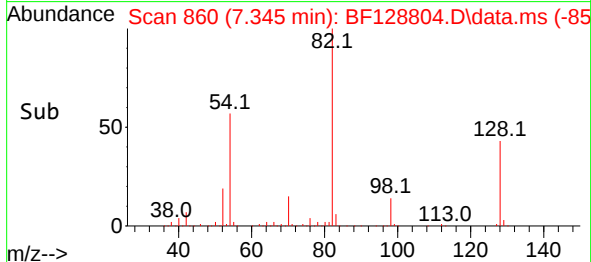
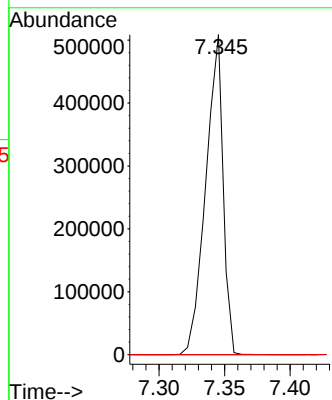
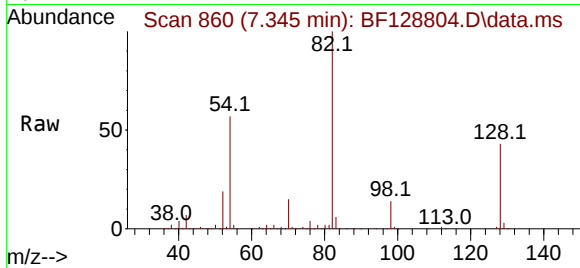




#25
Isophorone
Concen: 45.275 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

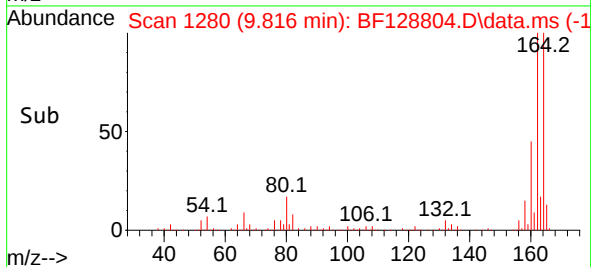
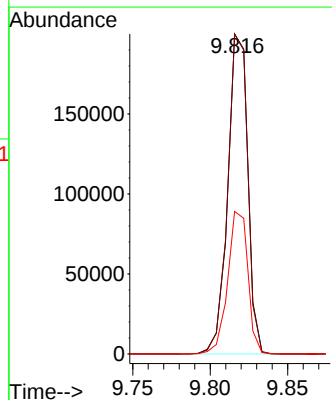
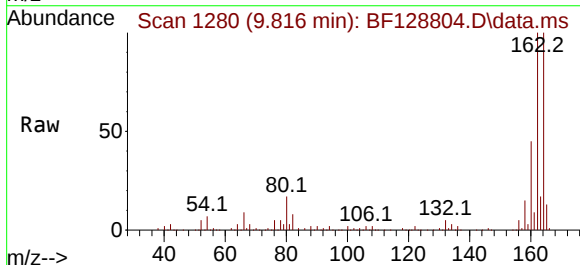
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-1

Tgt Ion: 82 Resp: 470415
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

Tgt Ion:164 Resp: 179942
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 84.630 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128804.D

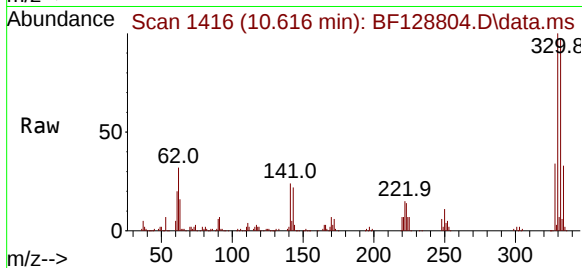
Acq: 14 Jun 2022 17:14

Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-1



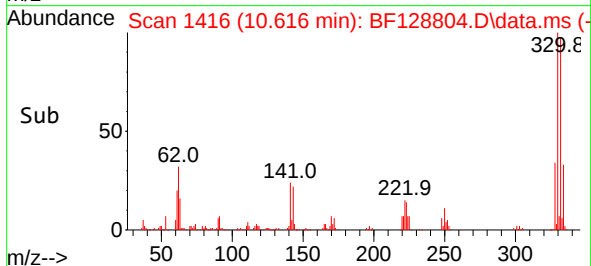
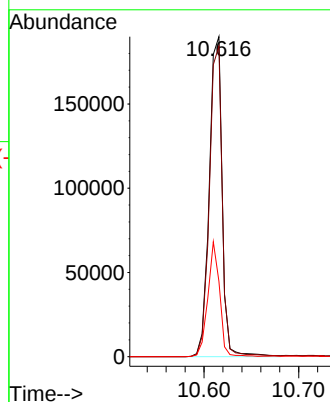
Tgt Ion:330 Resp: 179933

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 32.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.221 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128804.D

Acq: 14 Jun 2022 17:14

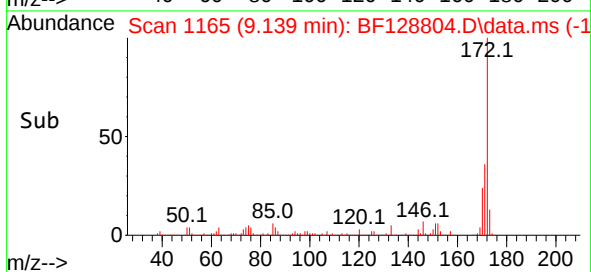
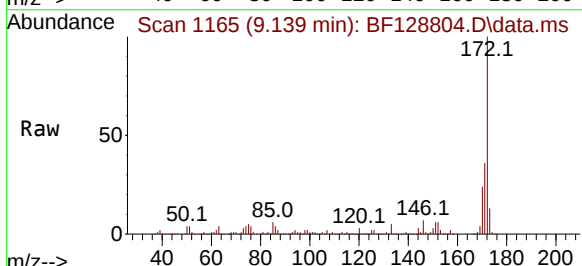
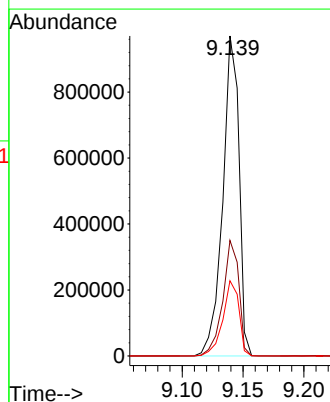
Tgt Ion:172 Resp: 902039

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.5 19.8 29.8

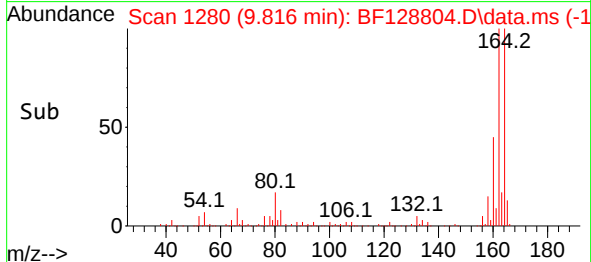
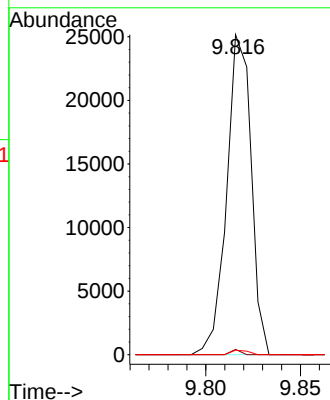
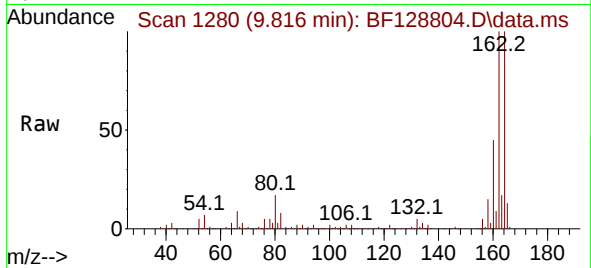




#51
2,6-Dinitrotoluene
Concen: 9.294 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.200 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

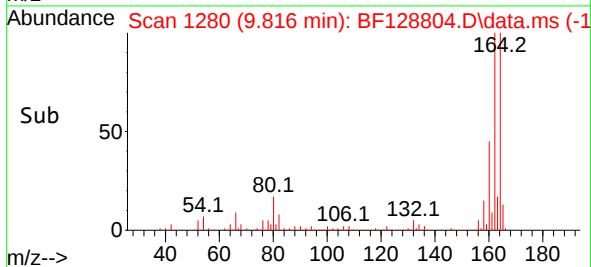
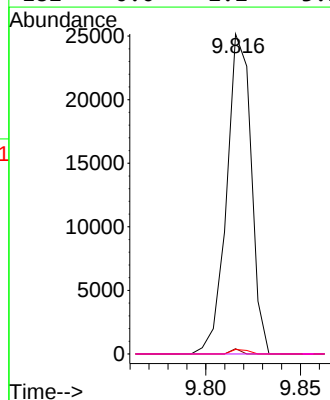
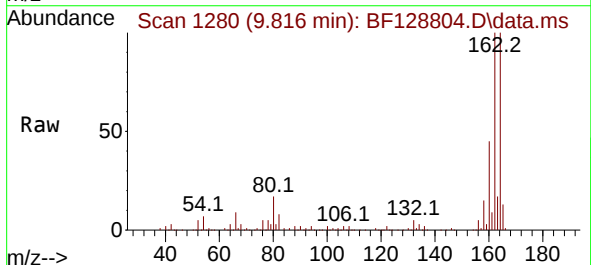
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-1

Tgt Ion:165 Resp: 22593
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.964 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

Tgt Ion:165 Resp: 22593
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

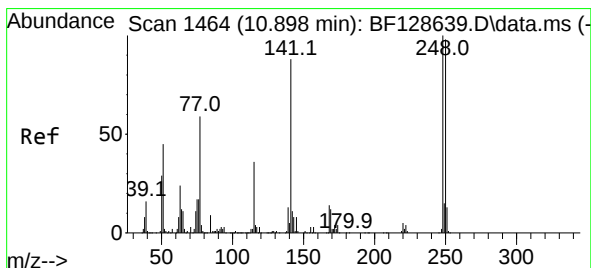
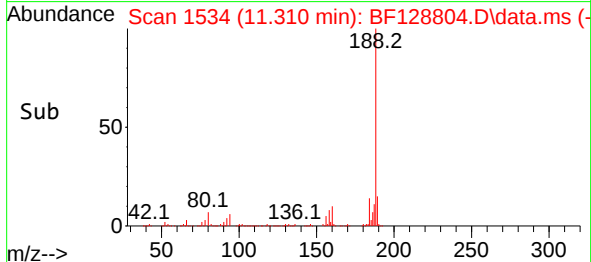
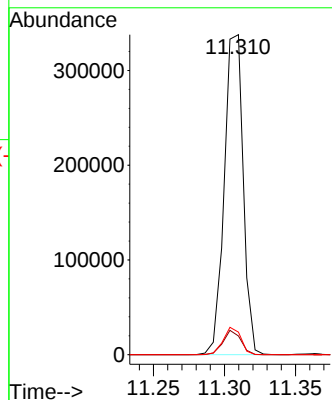
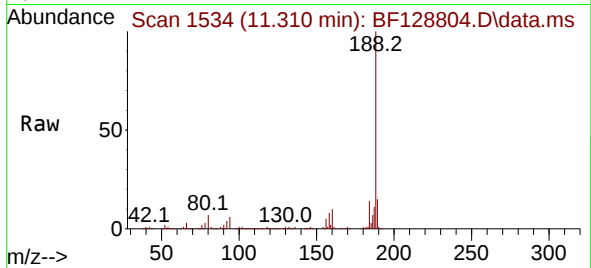




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

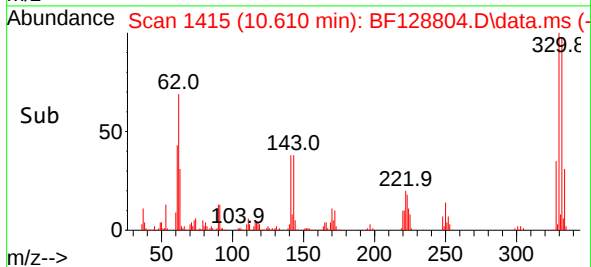
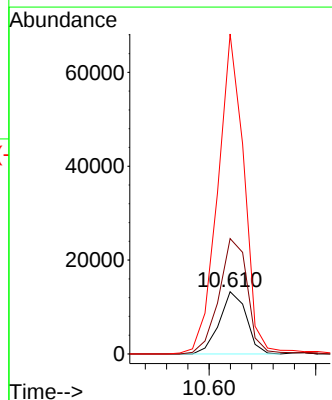
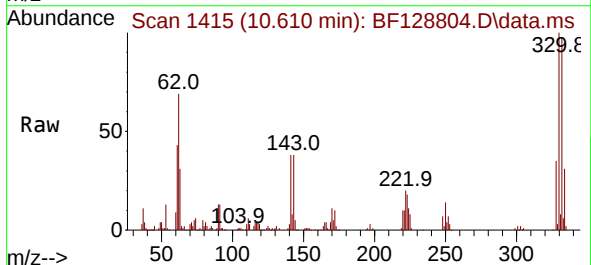
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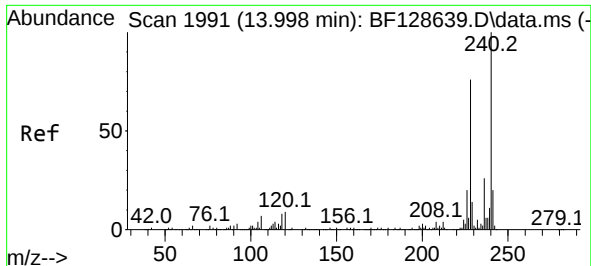
Tgt Ion:188 Resp: 312548
Ion Ratio Lower Upper
188 100
94 5.8 7.0 10.6#
80 7.0 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.347 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.247 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

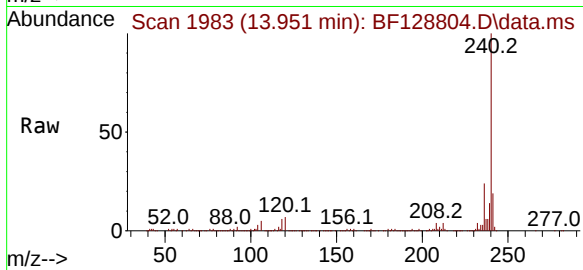
Tgt Ion:248 Resp: 11666
Ion Ratio Lower Upper
248 100
250 185.5 80.6 120.8#
141 514.7 58.9 88.3#



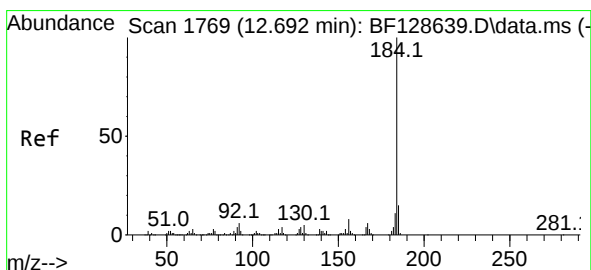
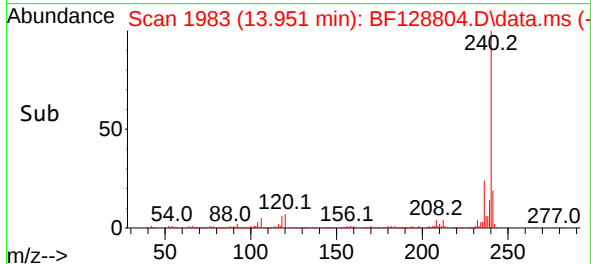
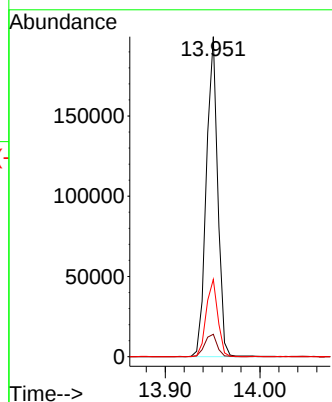


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-1

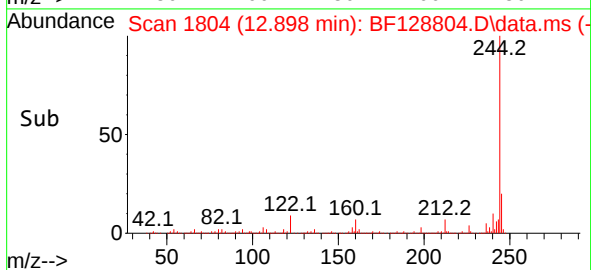
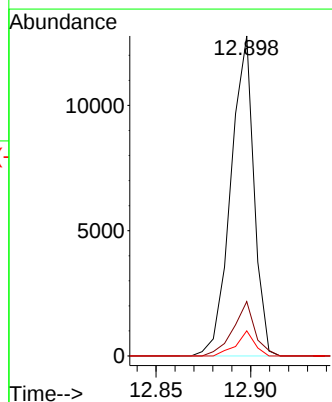
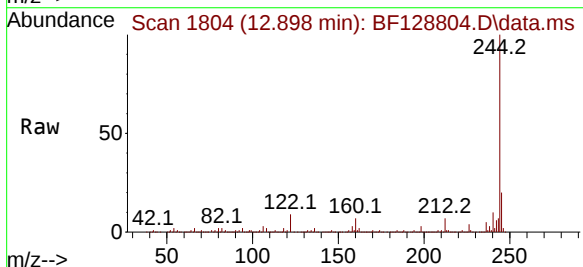


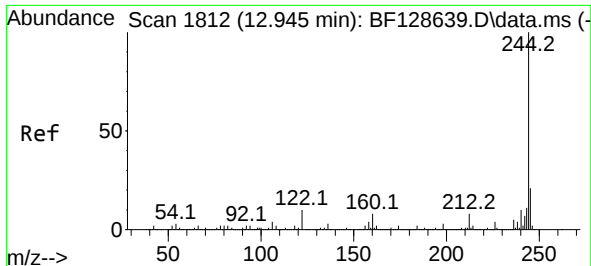
Tgt Ion:240 Resp: 165945
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3#
236 24.1 20.8 31.2



#77
Benzidine
Concen: 3.286 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.247 min
Lab File: BF128804.D
Acq: 14 Jun 2022 17:14

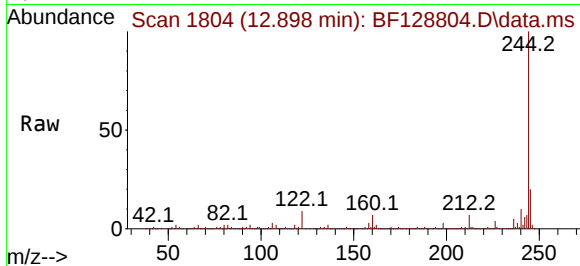
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Ion Ratio Lower Upper
184 100
185 17.0 11.9 17.9
183 7.9 9.3 13.9#



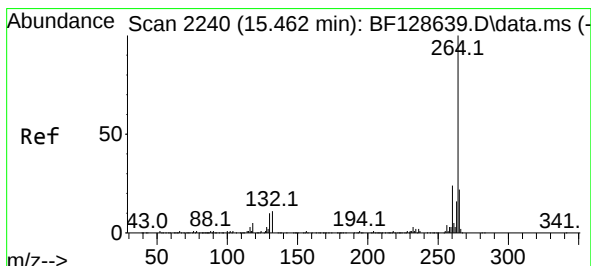
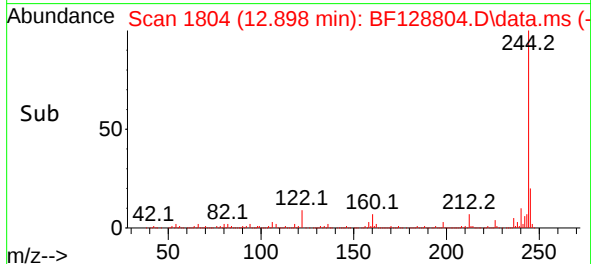
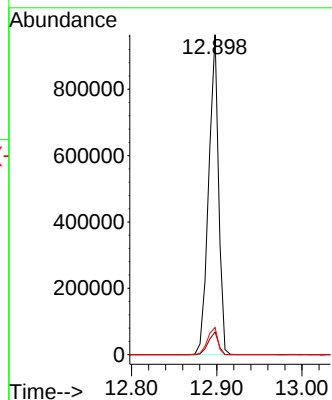


#79
 Terphenyl-d14
 Concen: 81.500 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128804.D
 Acq: 14 Jun 2022 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PALMYRA-RT-73-COMP-1



Tgt Ion:244 Resp: 778325
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.5 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. -0.012 min
 Lab File: BF128804.D
 Acq: 14 Jun 2022 17:14

Tgt Ion:264 Resp: 169855
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.6 17.2 25.8

