

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128806.D
 Acq On : 14 Jun 2022 18:14
 Operator : CG\JU
 Sample : N3329-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Quant Time: Jun 15 01:01:54 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)

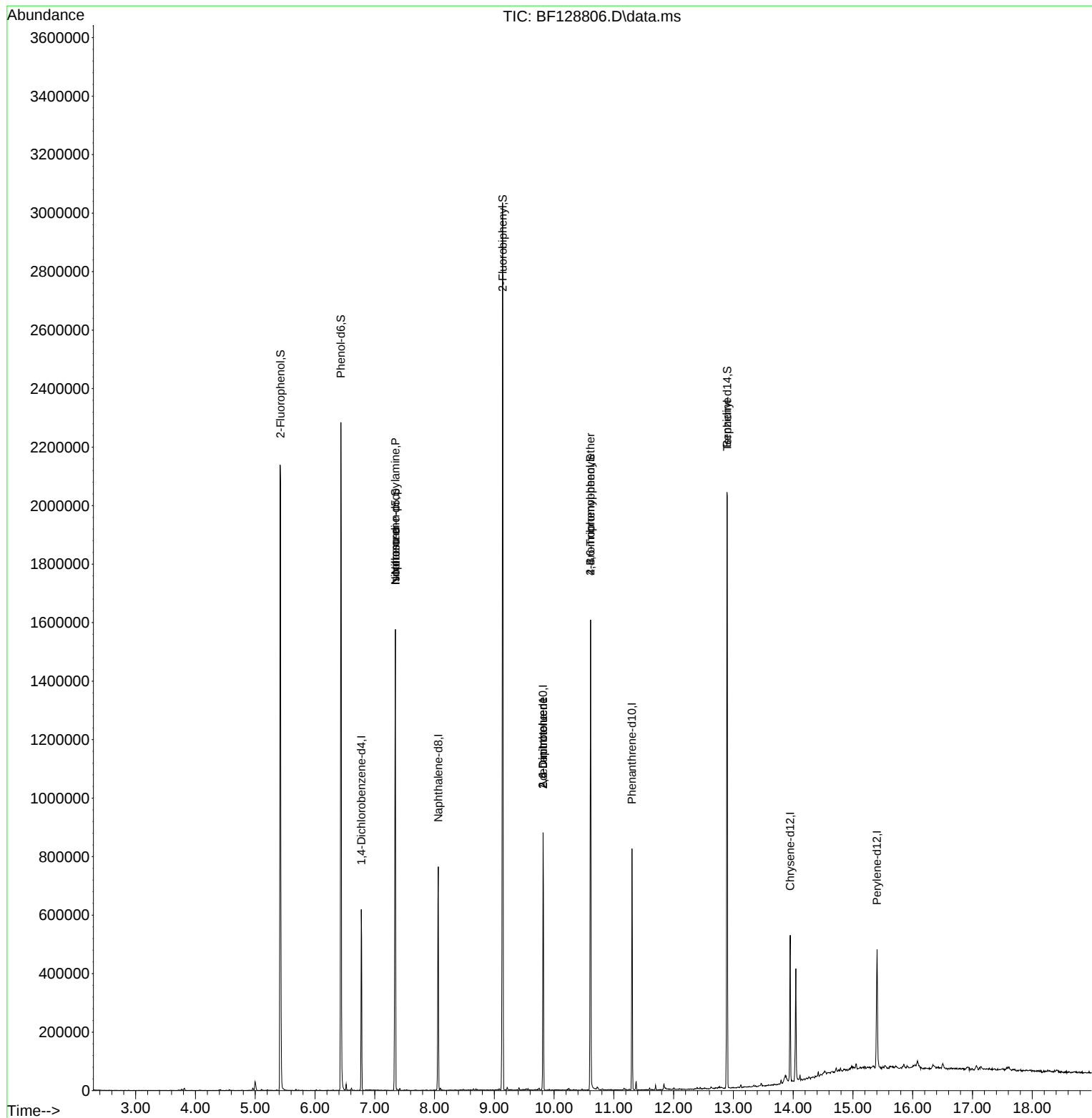
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	82970	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	311005	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	170651	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	280582	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	170404	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	178001	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	548377	105.276	ng	0.00
7) Phenol-d6	6.434	99	691401	108.738	ng	0.00
23) Nitrobenzene-d5	7.345	82	483531	72.386	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	180108	89.325	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	926132	76.022	ng	0.00
79) Terphenyl-d14	12.898	244	736337	75.085	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	68339	17.286	ng	# 76
25) Isophorone	7.345	82	483416	47.650	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	21457	9.307	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	21457	6.974	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	11566	3.696	ng	# 1
77) Benzidine	12.892	184	10449	3.076	ng	# 92

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

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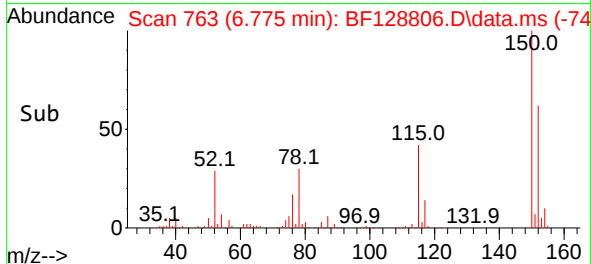
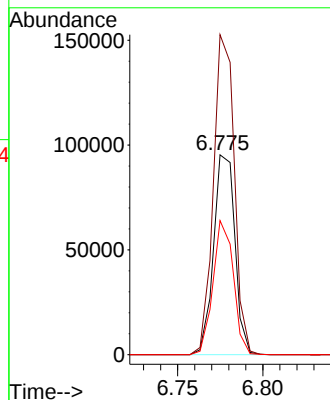
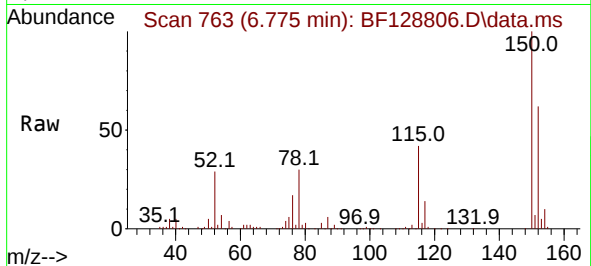




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

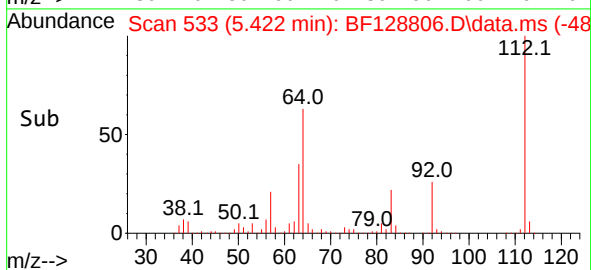
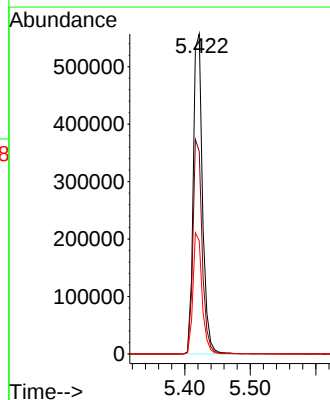
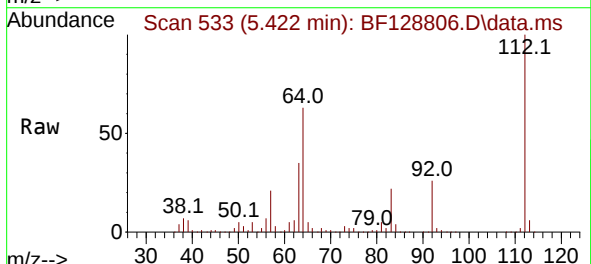
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-3

Tgt Ion:152 Resp: 82970
Ion Ratio Lower Upper
152 100
150 160.2 123.7 185.5
115 67.1 49.9 74.9



#5
2-Fluorophenol
Concen: 105.276 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

Tgt Ion:112 Resp: 548377
Ion Ratio Lower Upper
112 100
64 63.3 53.3 79.9
63 35.4 28.0 42.0

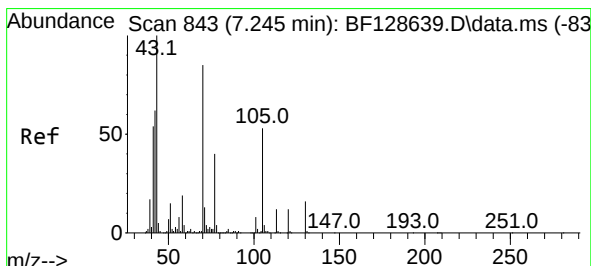
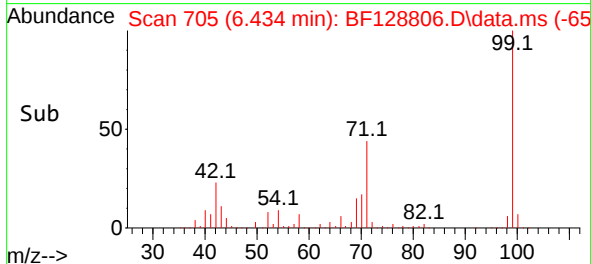
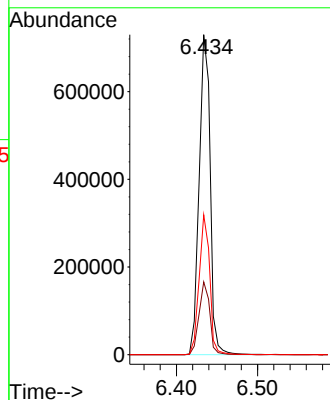
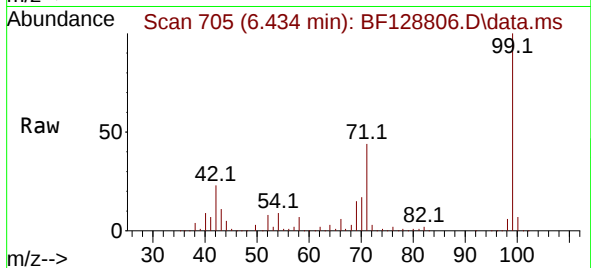




#7
Phenol-d6
Concen: 108.738 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

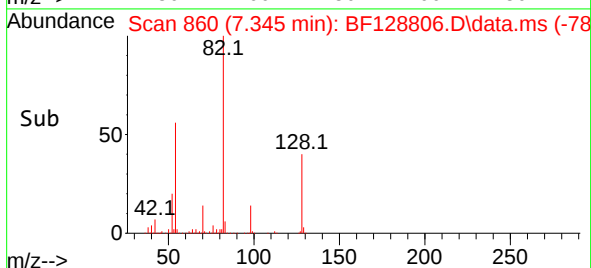
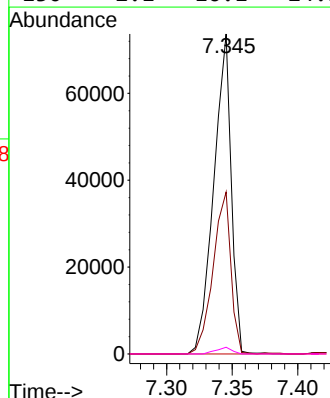
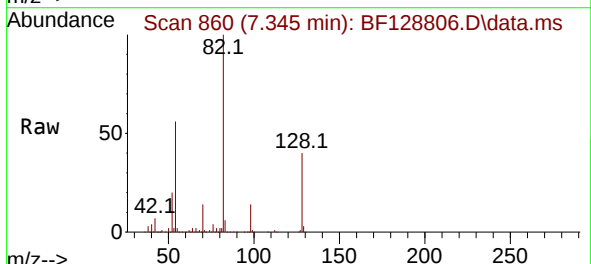
Instrument :
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ClientSampleId :
PALMYRA-RT-73-COMP-3

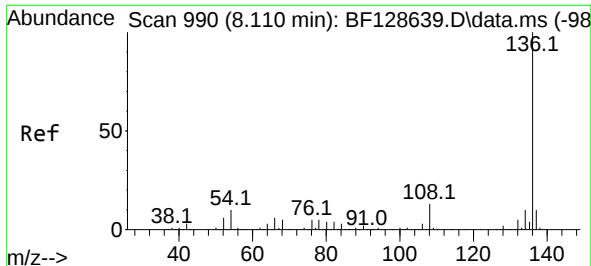
Tgt Ion: 99 Resp: 691401
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 43.7 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.286 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

Tgt Ion: 70 Resp: 68339
Ion Ratio Lower Upper
70 100
42 50.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

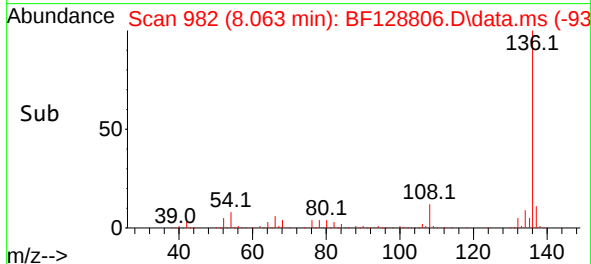
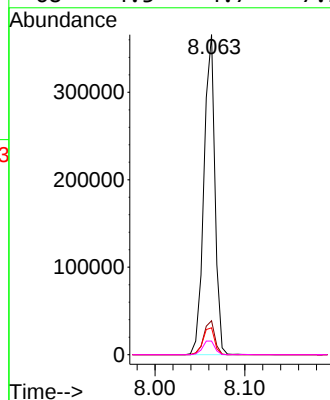
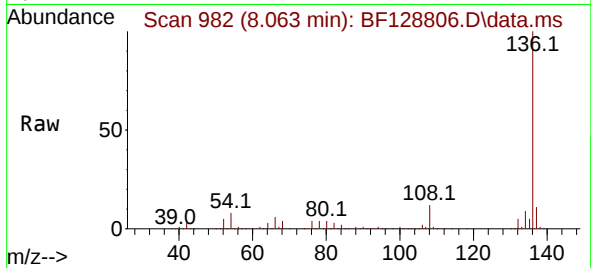




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

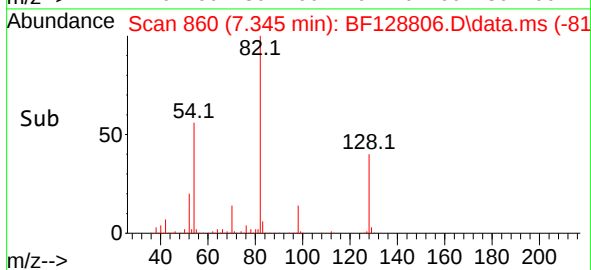
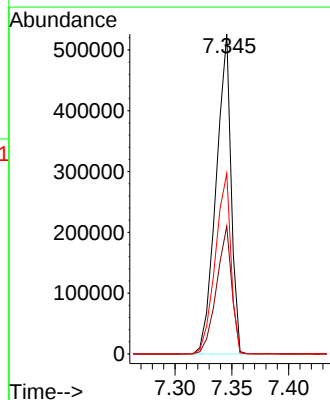
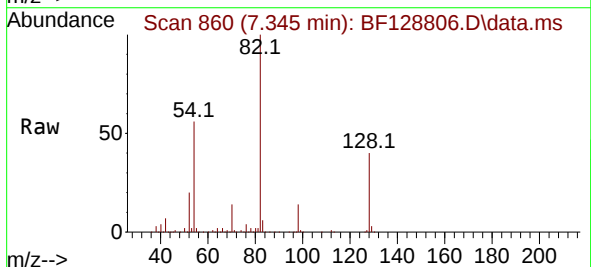
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-3

Tgt Ion:136 Resp: 311005
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.4 7.5 11.3
68 4.3 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 72.386 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

Tgt Ion: 82 Resp: 483531
Ion Ratio Lower Upper
82 100
128 39.9 34.0 51.0
54 56.4 46.9 70.3

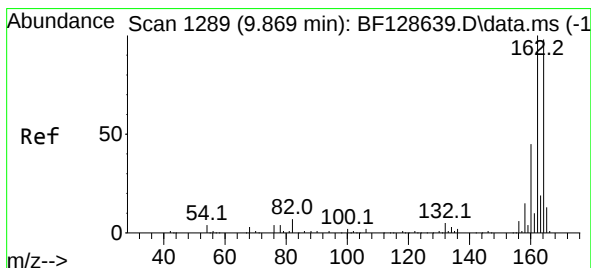
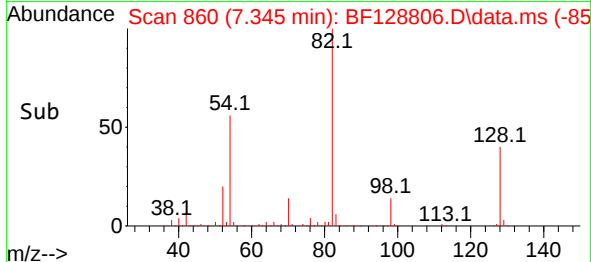
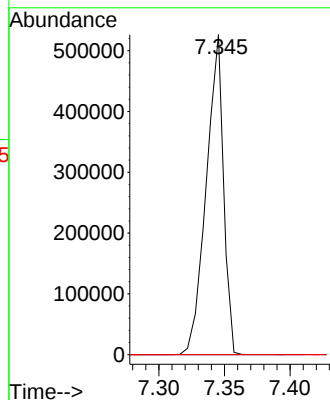
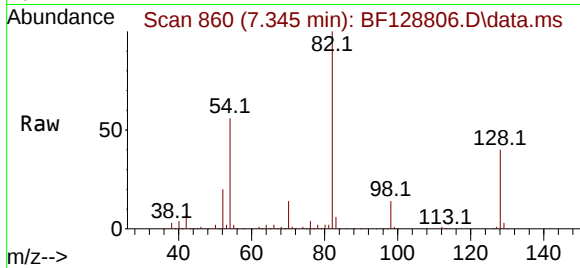




#25
Isophorone
Concen: 47.650 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

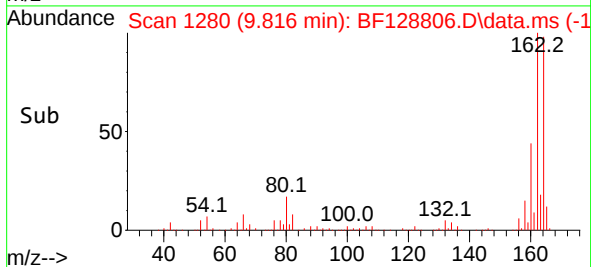
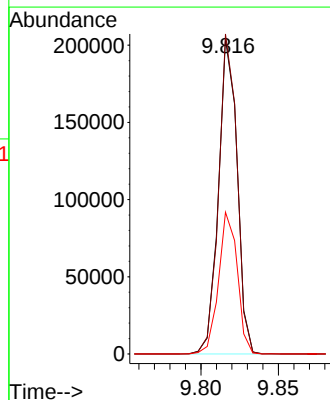
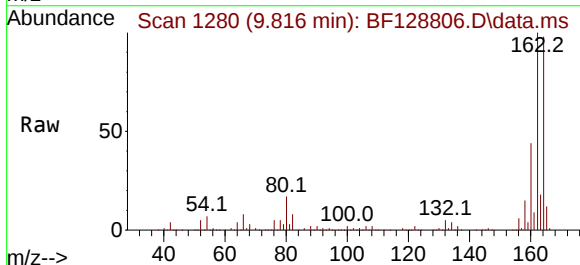
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-3

Tgt Ion: 82 Resp: 483416
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: BF128806.D
Acq: 14 Jun 2022 18:14

Tgt Ion:164 Resp: 170651
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.325 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF128806.D

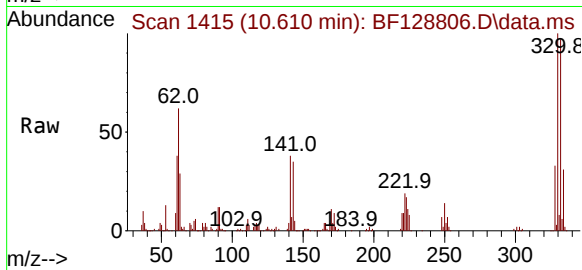
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Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-3



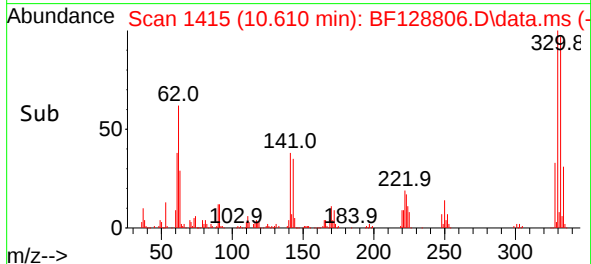
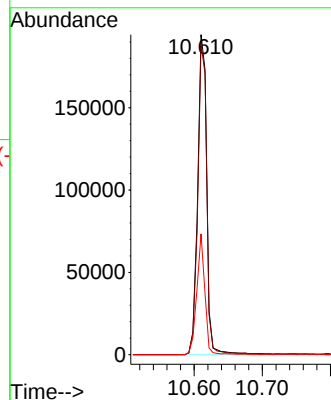
Tgt Ion:330 Resp: 180108

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.022 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128806.D

Acq: 14 Jun 2022 18:14

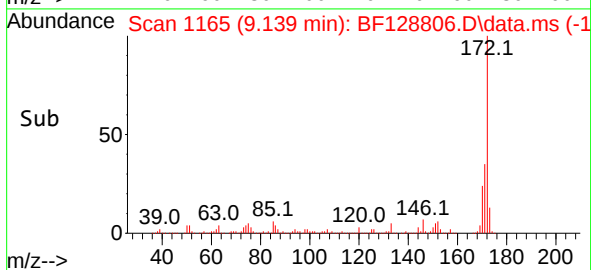
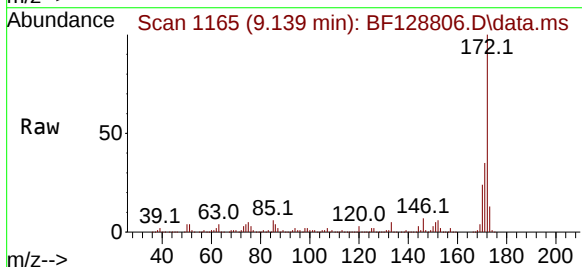
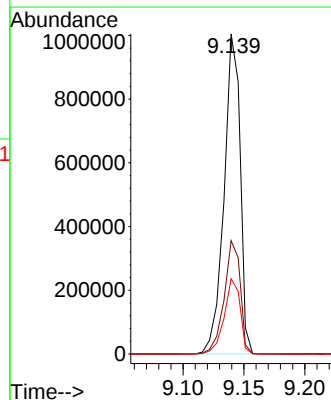
Tgt Ion:172 Resp: 926132

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.307 ng

RT: 9.816 min Scan# 1280

Delta R.T. 0.200 min

Lab File: BF128806.D

Acq: 14 Jun 2022 18:14

Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-3

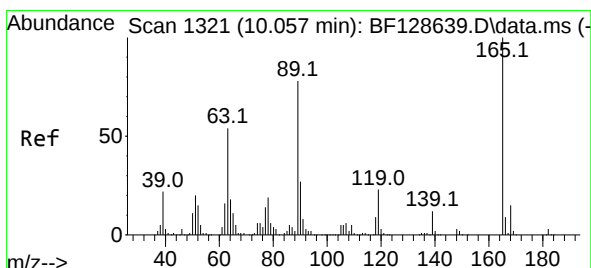
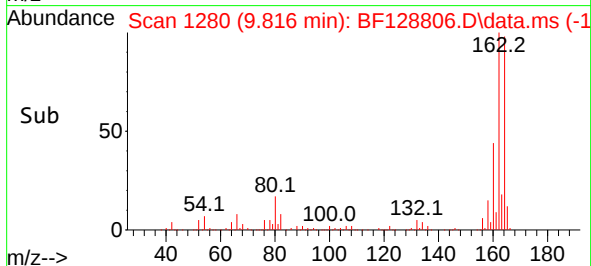
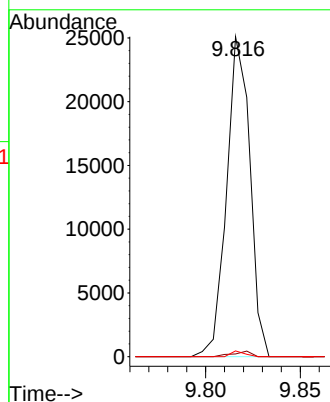
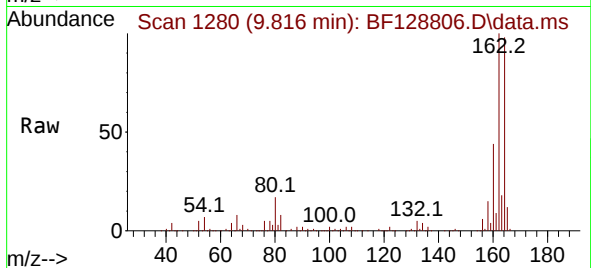
Tgt Ion:165 Resp: 21457

Ion Ratio Lower Upper

165 100

63 0.8 44.9 67.3#

89 1.8 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.974 ng

RT: 9.816 min Scan# 1280

Delta R.T. -0.206 min

Lab File: BF128806.D

Acq: 14 Jun 2022 18:14

Tgt Ion:165 Resp: 21457

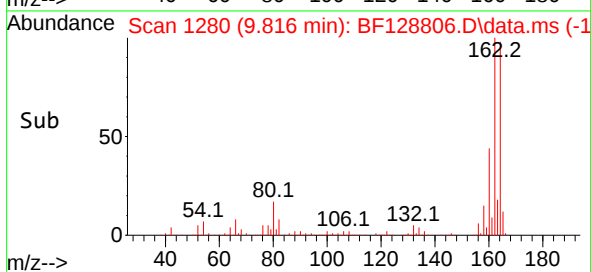
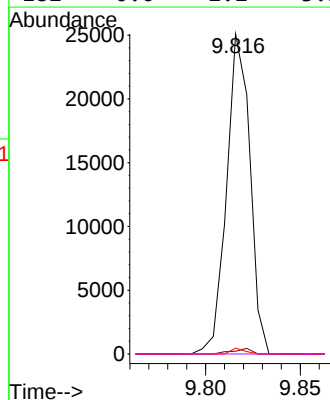
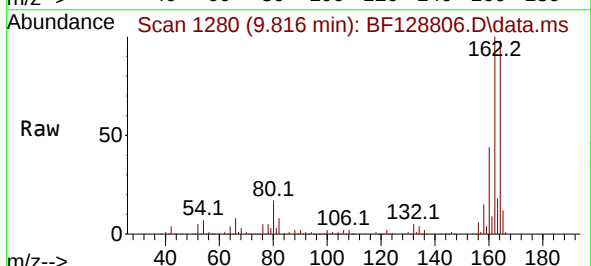
Ion Ratio Lower Upper

165 100

63 0.8 39.8 59.6#

89 1.8 60.2 90.2#

182 0.0 2.2 3.2#

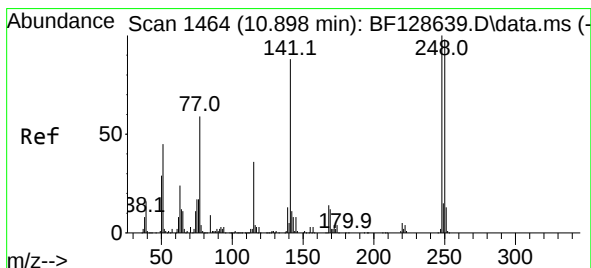
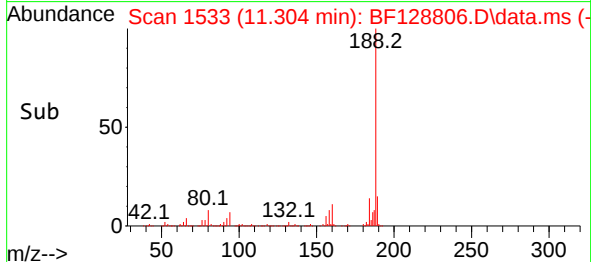
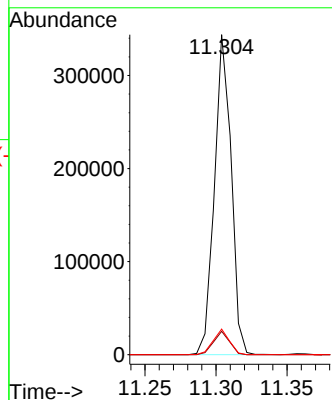
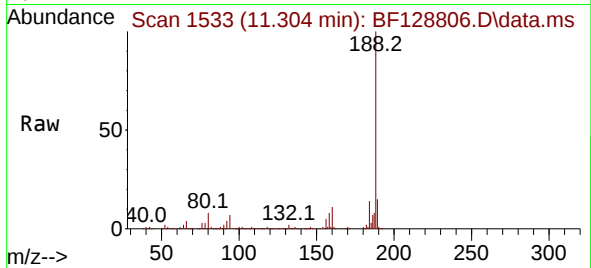




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

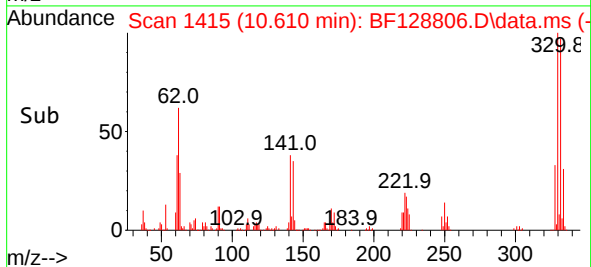
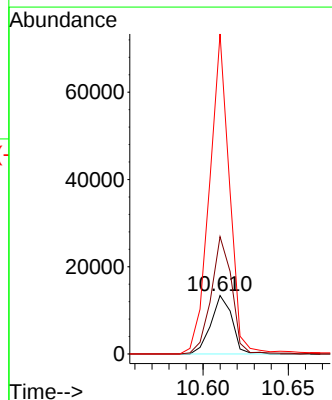
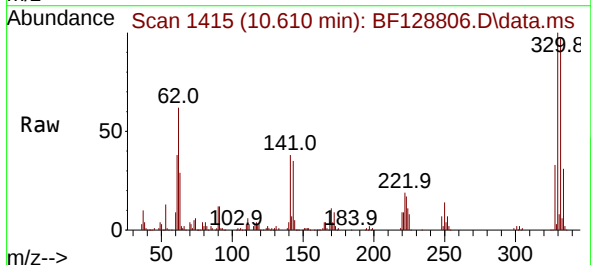
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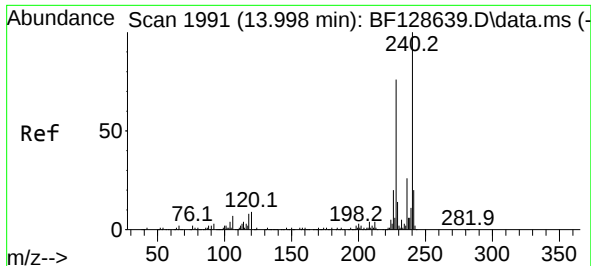
Tgt Ion:188 Resp: 280582
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.6
80 8.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.696 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.247 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

Tgt Ion:248 Resp: 11566
Ion Ratio Lower Upper
248 100
250 200.6 80.6 120.8#
141 547.4 58.9 88.3#

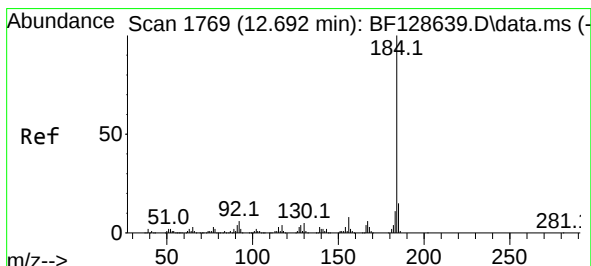
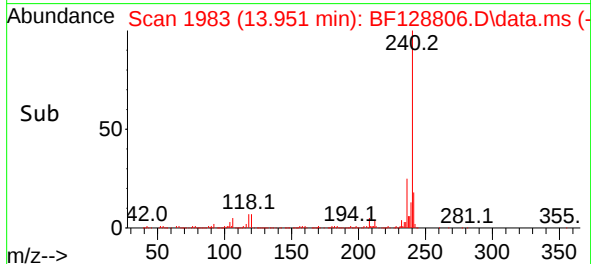
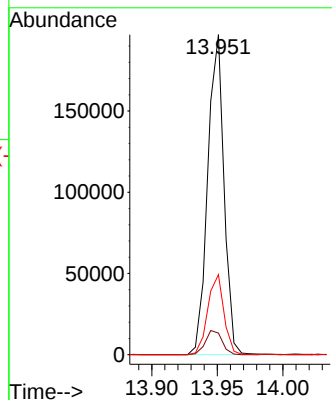
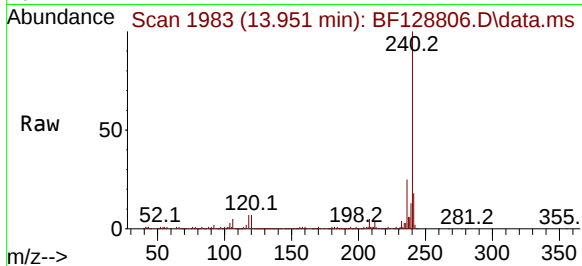




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1803
Delta R.T. -0.012 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

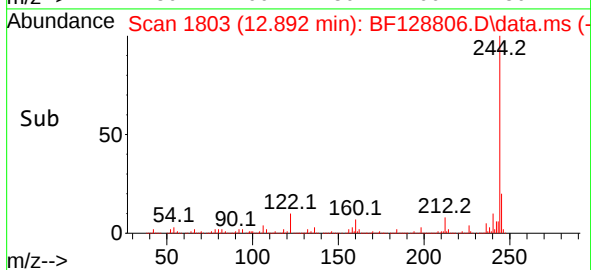
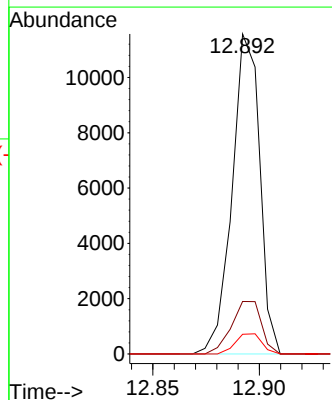
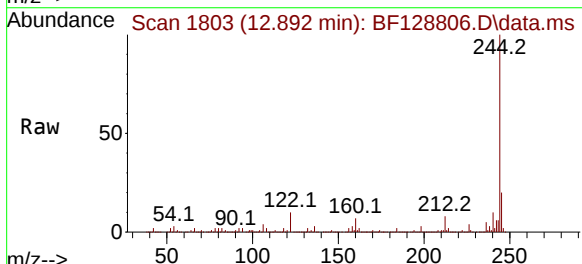
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-3

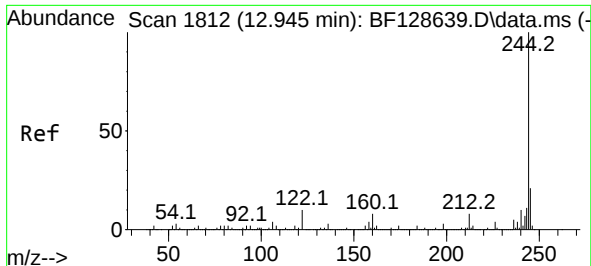
Tgt Ion:240 Resp: 170404
Ion Ratio Lower Upper
240 100
120 6.8 8.9 13.3#
236 25.0 20.8 31.2



#77
Benzidine
Concen: 3.076 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.241 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

Tgt Ion:184 Resp: 10449
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 6.1 9.3 13.9#

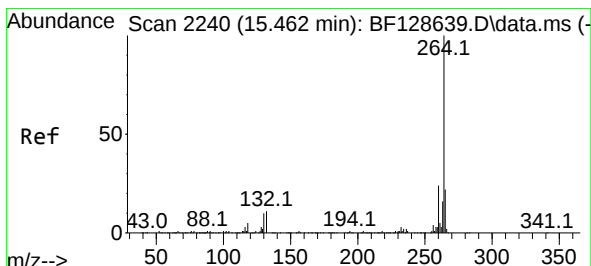
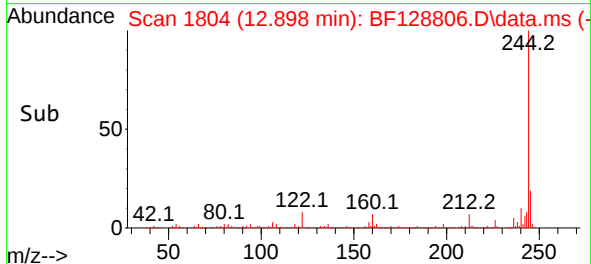
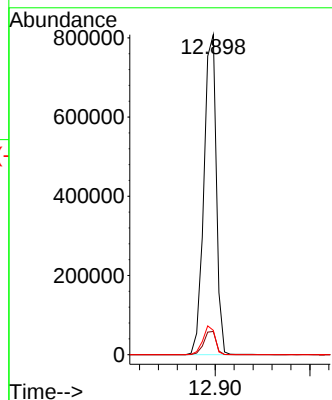
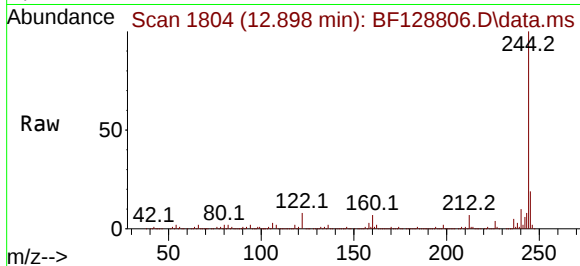




#79
 Terphenyl-d14
 Concen: 75.085 ng
 RT: 12.898 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF128806.D
 Acq: 14 Jun 2022 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Tgt Ion:244 Resp: 736337
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 7.6 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: BF128806.D
 Acq: 14 Jun 2022 18:14

Tgt Ion:264 Resp: 178001
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.3 17.2 25.8

