

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128536.D
 Acq On : 28 May 2022 04:32
 Operator : CG\JU
 Sample : N2954-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P044-SS005-0006-01

Quant Time: May 28 05:02:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

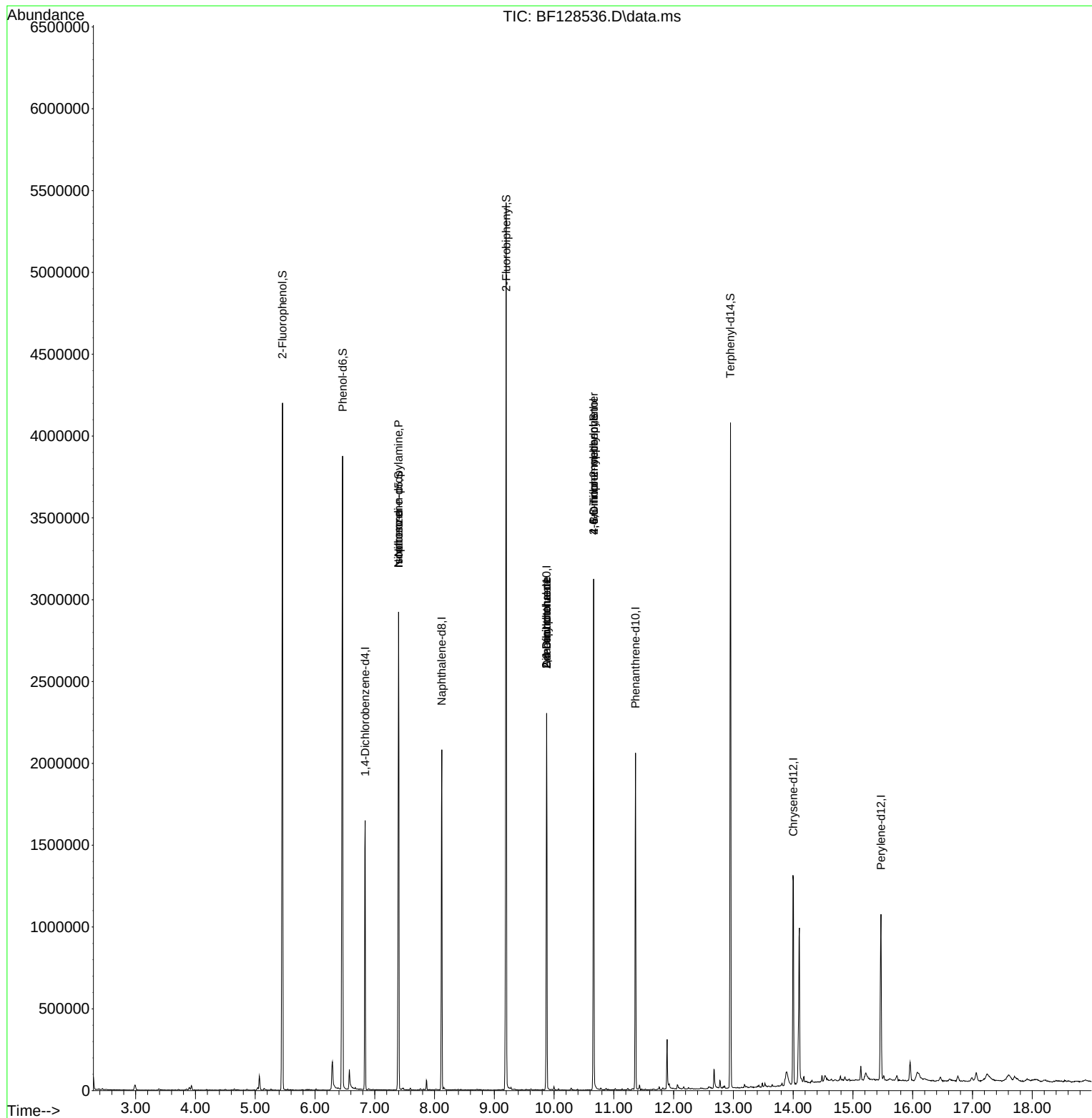
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	231793	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	874279	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	450264	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	730532	20.000	ng	0.00
76) Chrysene-d12	14.004	240	463277	20.000	ng	0.00
86) Perylene-d12	15.468	264	443008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1128578	80.649	ng	0.00
7) Phenol-d6	6.463	99	1434611	80.404	ng	0.00
23) Nitrobenzene-d5	7.398	82	950764	62.735	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	338242	78.922	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1707183	61.599	ng	0.00
79) Terphenyl-d14	12.951	244	1385109	57.762	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	207	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.398	70	130531	11.932	ng	# 78
25) Isophorone	7.398	82	945458	33.818	ng	# 65
50) Dimethylphthalate	9.875	163	78908	2.702	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	58003	10.836	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	58003	9.057	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	838	5.722	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	23026	3.051	ng	# 1

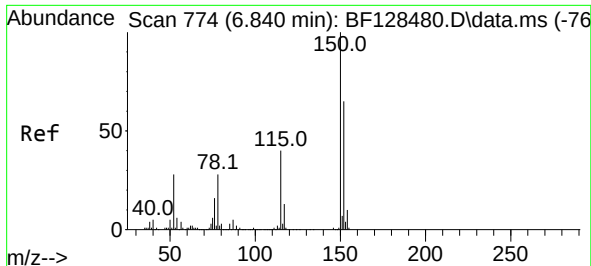
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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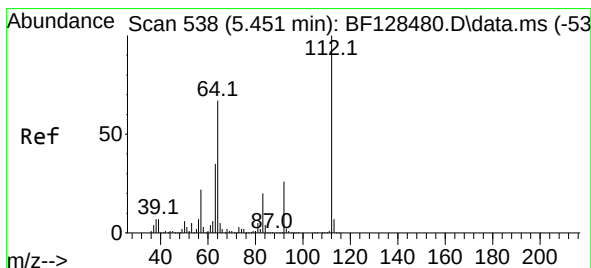
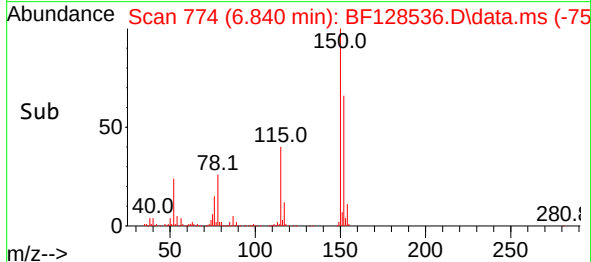
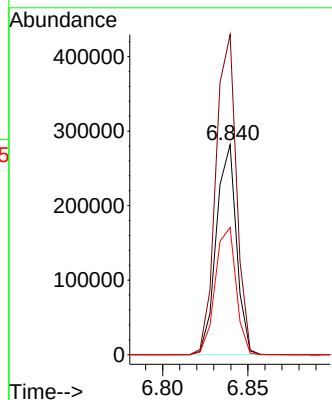
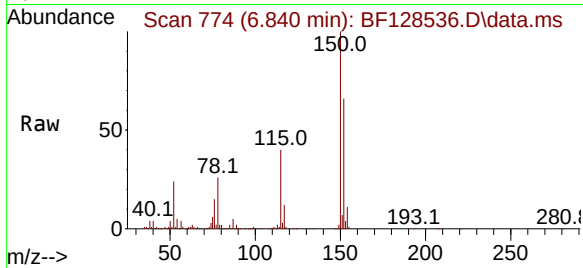




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

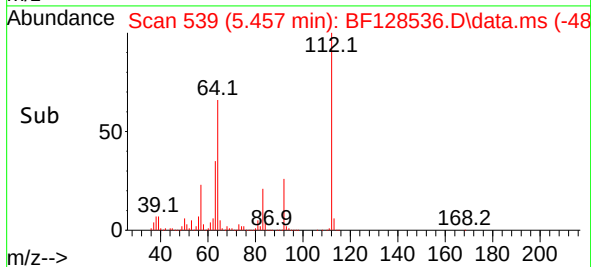
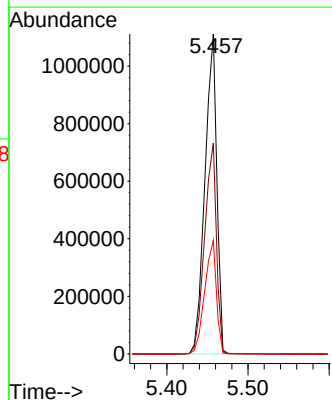
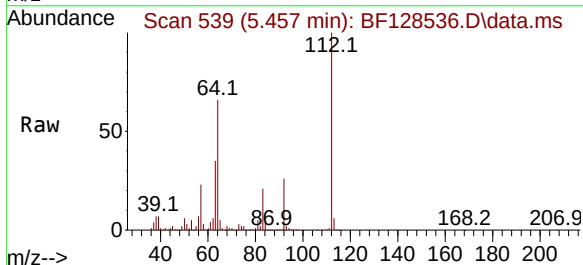
Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01

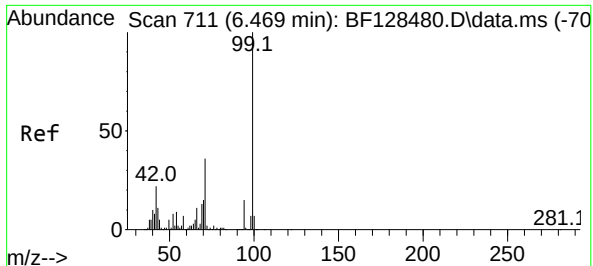
Tgt Ion:152 Resp: 231793
Ion Ratio Lower Upper
152 100
150 152.4 123.7 185.5
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 80.649 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion:112 Resp: 1128578
Ion Ratio Lower Upper
112 100
64 65.9 53.3 79.9
63 35.5 28.0 42.0

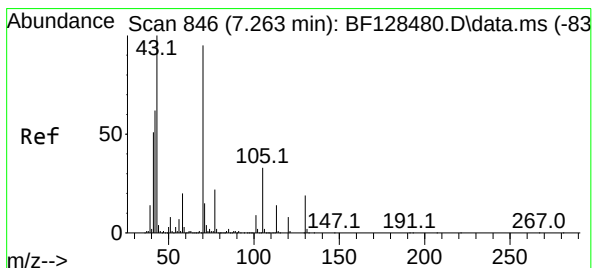
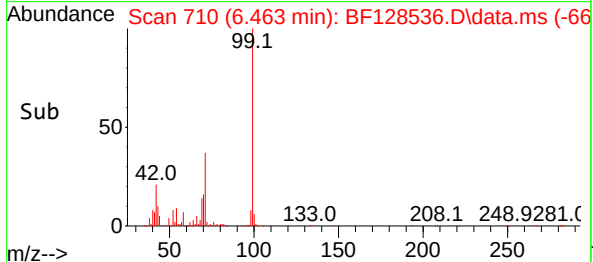
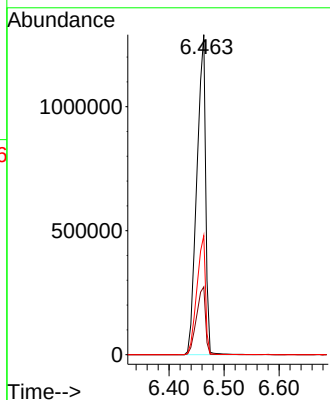
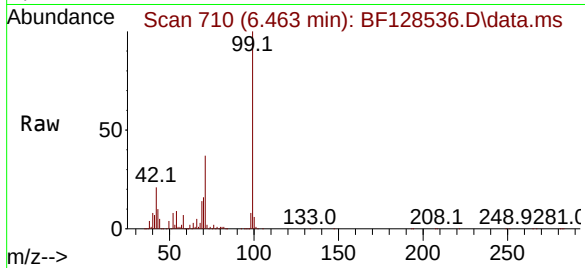




#7
Phenol-d6
Concen: 80.404 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

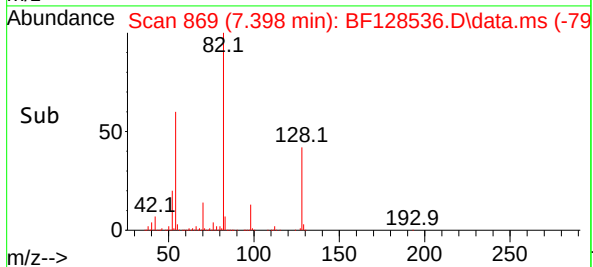
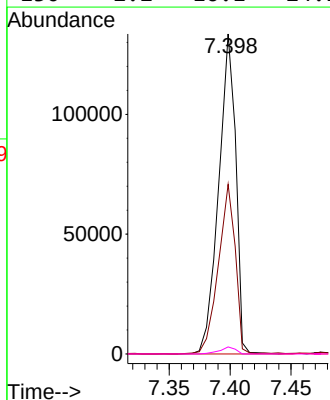
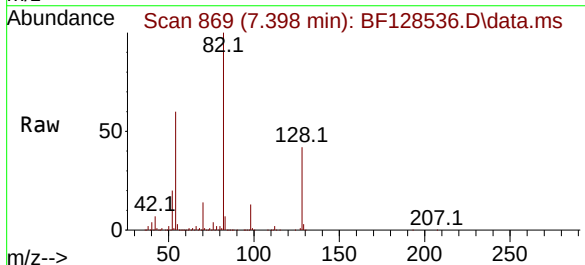
Instrument :
BNA_F
ClientSampleId :
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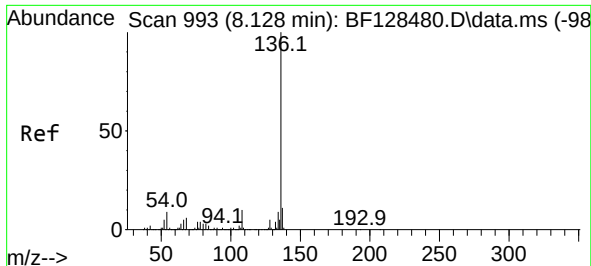
Tgt Ion: 99 Resp: 1434611
Ion Ratio Lower Upper
99 100
42 21.2 17.3 25.9
71 37.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.932 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion: 70 Resp: 130531
Ion Ratio Lower Upper
70 100
42 53.0 52.3 78.5
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

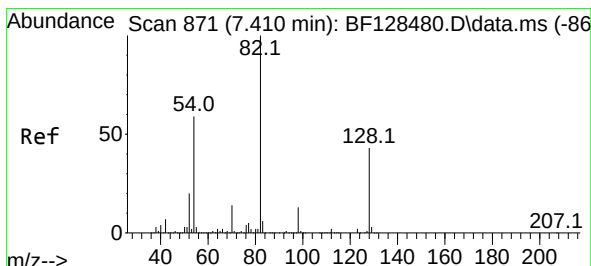
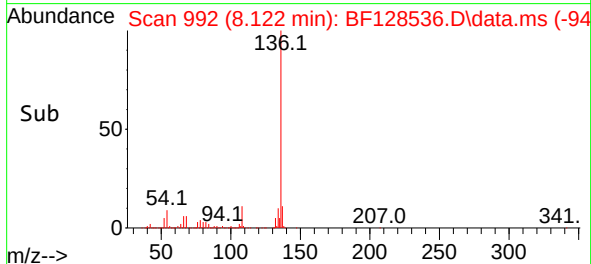
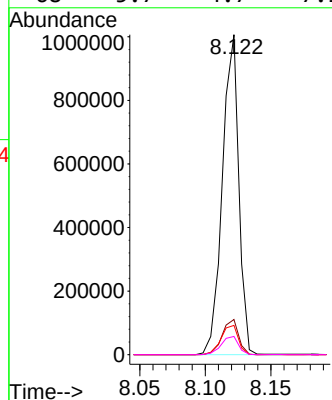
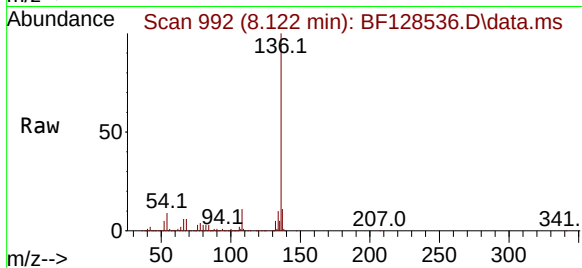




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

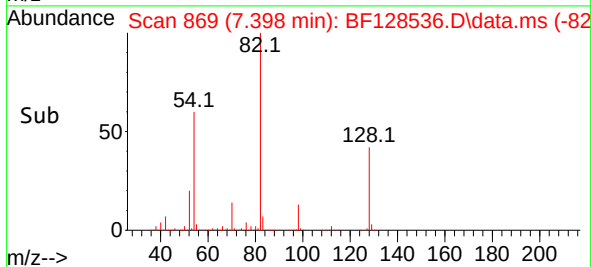
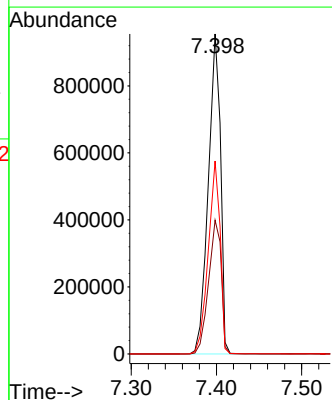
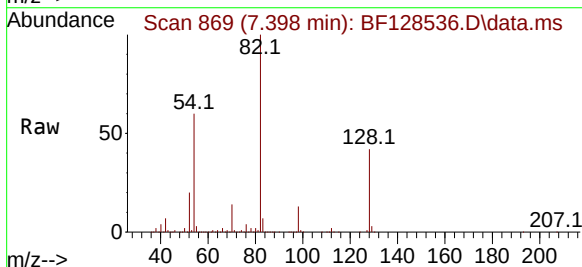
Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01

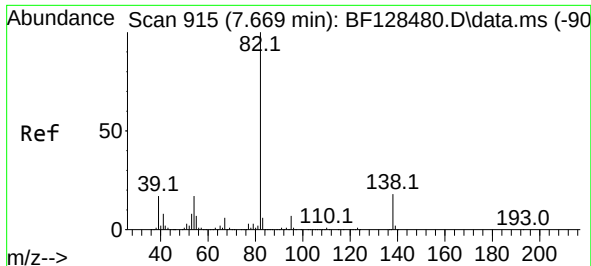
Tgt Ion:136 Resp: 874279
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 7.5 11.3
68 5.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 62.735 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion: 82 Resp: 950764
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 60.3 46.9 70.3

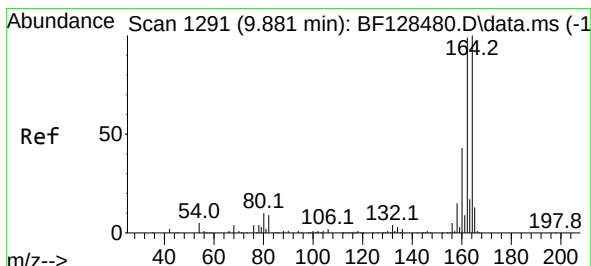
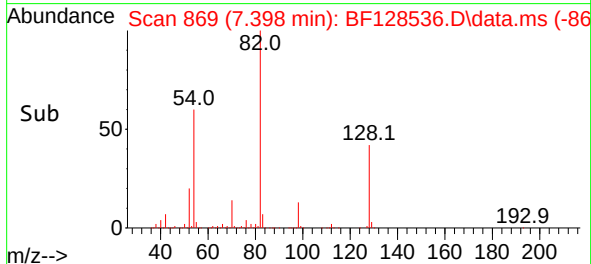
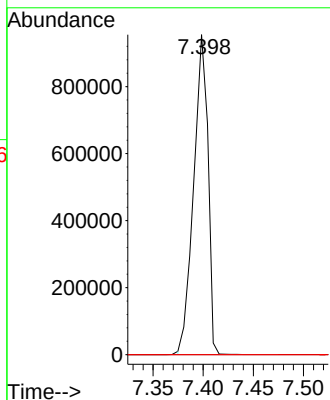
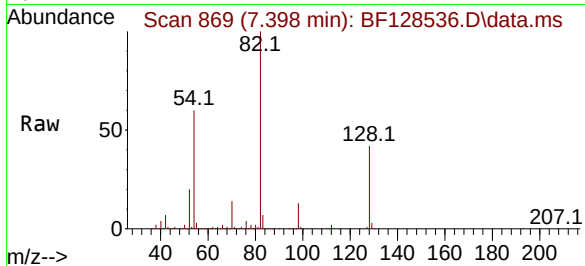




#25
Isophorone
Concen: 33.818 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

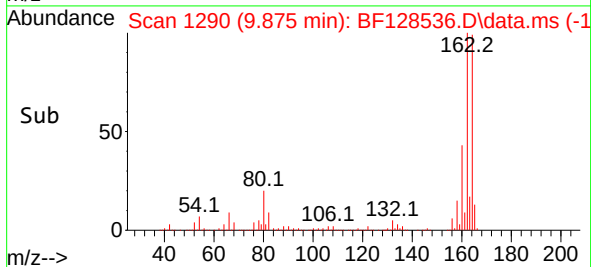
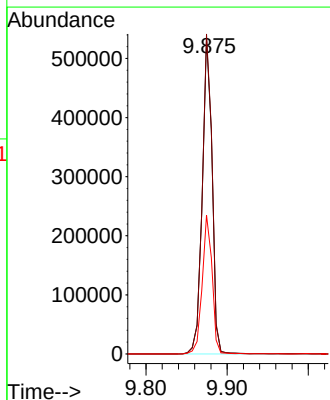
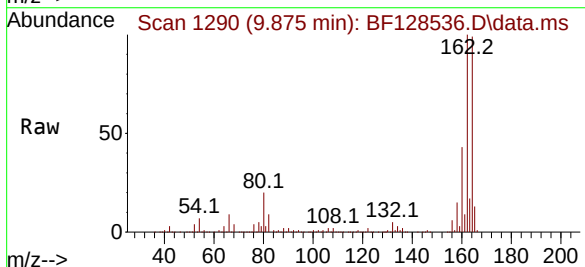
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BNA_F
ClientSampleId :
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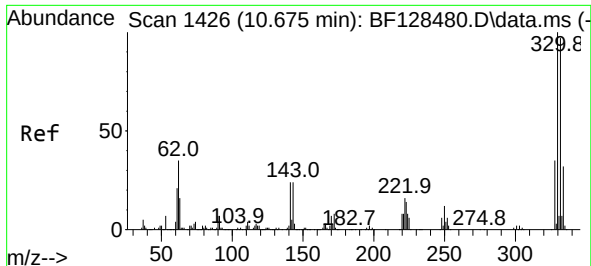
Tgt Ion: 82 Resp: 945458
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion:164 Resp: 450264
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 78.922 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128536.D

Acq: 28 May 2022 04:32

Instrument :

BNA_F

ClientSampleId :

P044-SS005-0006-01

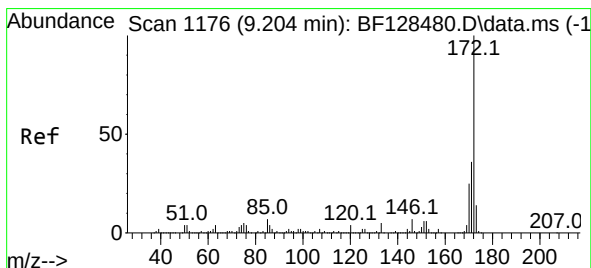
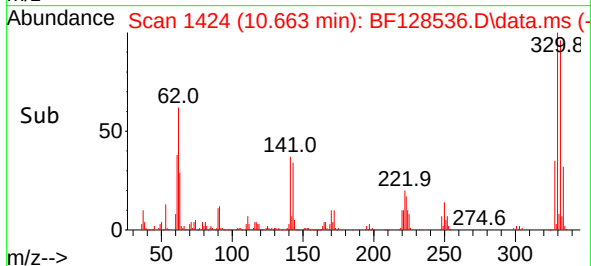
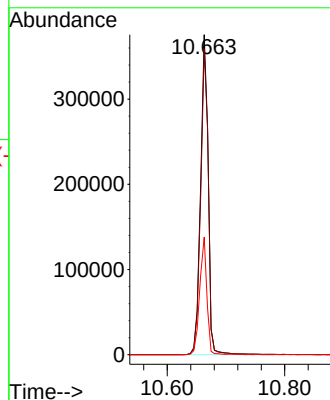
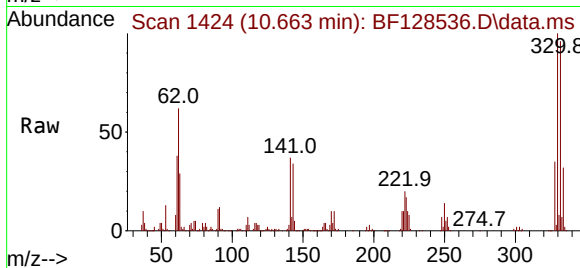
Tgt Ion:330 Resp: 338242

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.599 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128536.D

Acq: 28 May 2022 04:32

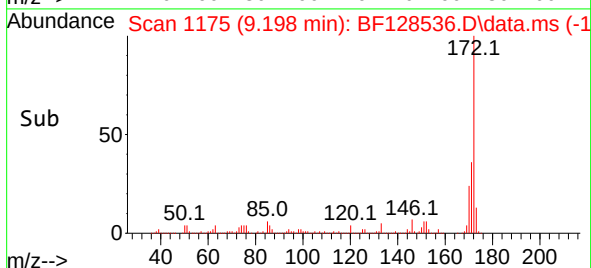
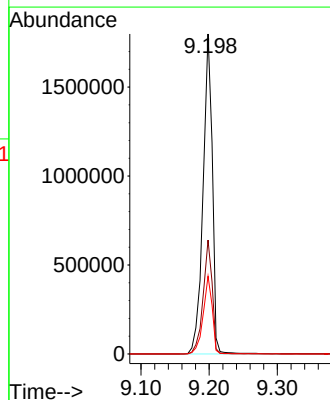
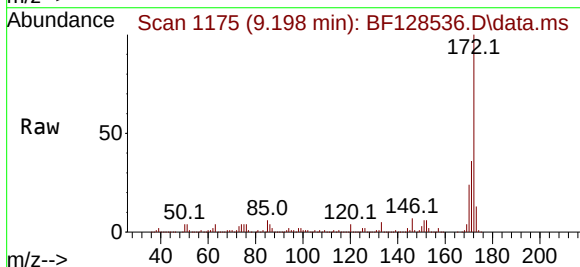
Tgt Ion:172 Resp: 1707183

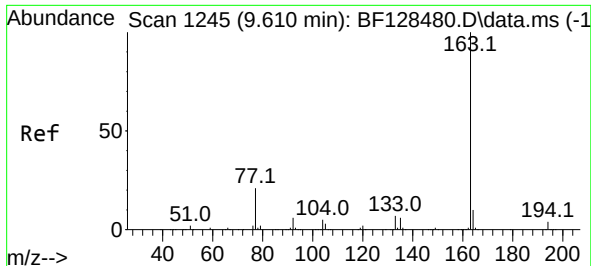
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.3 19.8 29.8

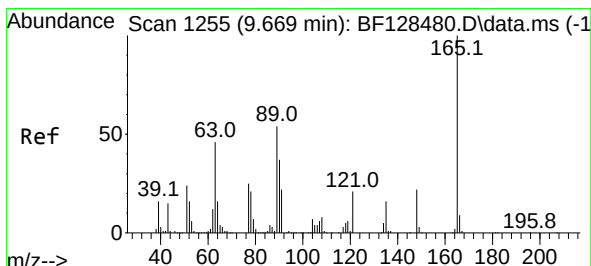
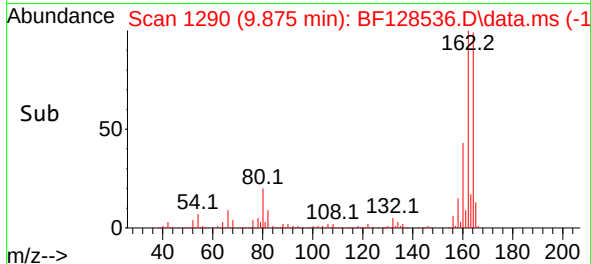
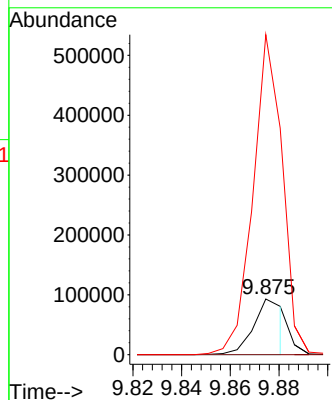
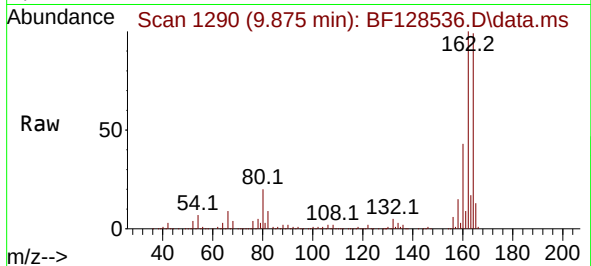




#50
Dimethylphthalate
Concen: 2.702 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

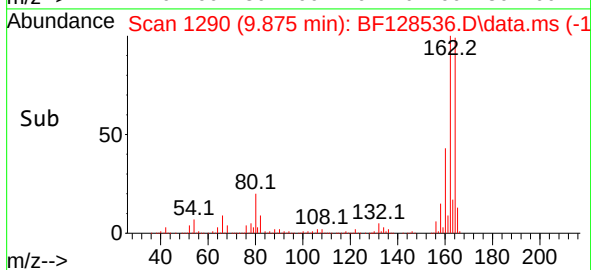
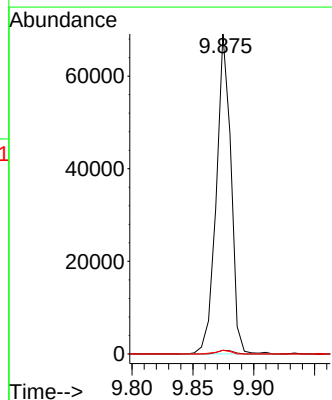
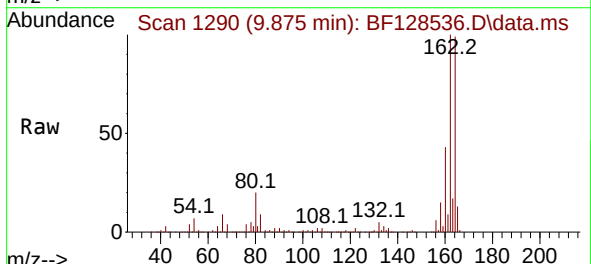
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P044-SS005-0006-01

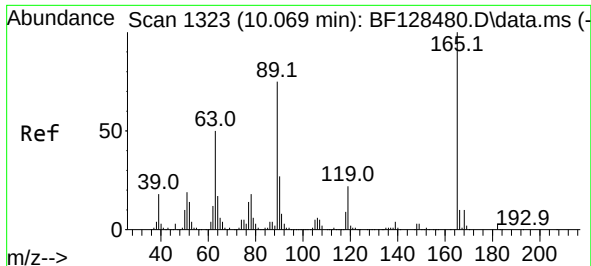
Tgt Ion:163 Resp: 78908
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 574.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.836 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion:165 Resp: 58003
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.1 43.6 65.4#

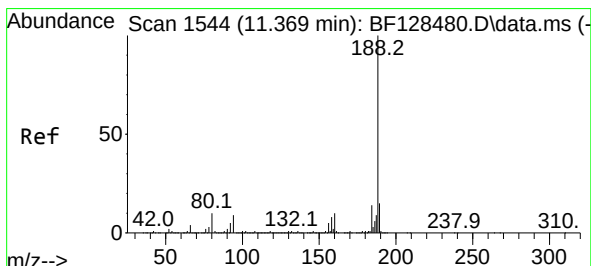
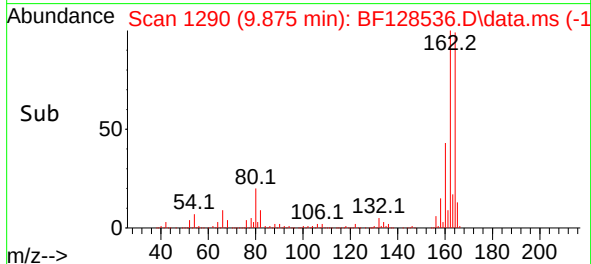
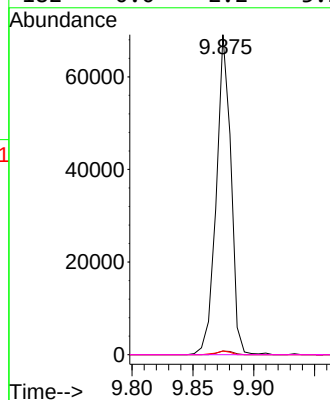
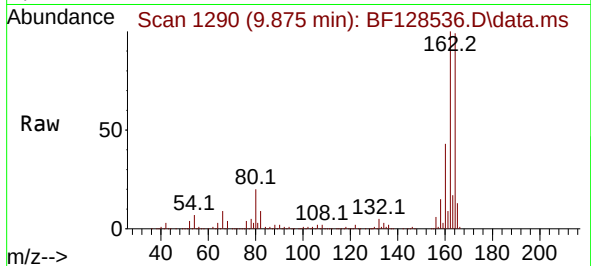




#57
2,4-Dinitrotoluene
Concen: 9.057 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

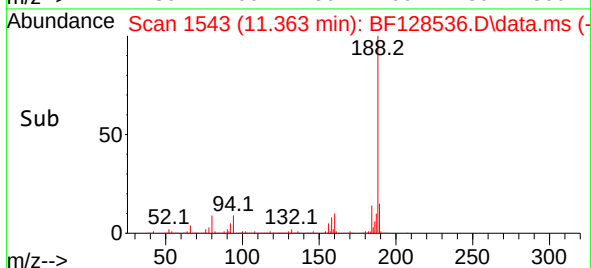
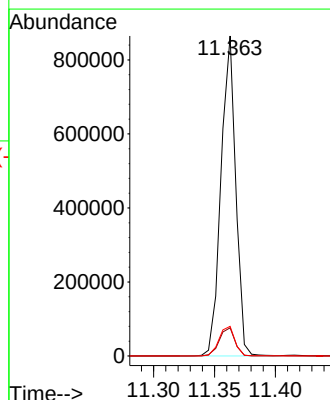
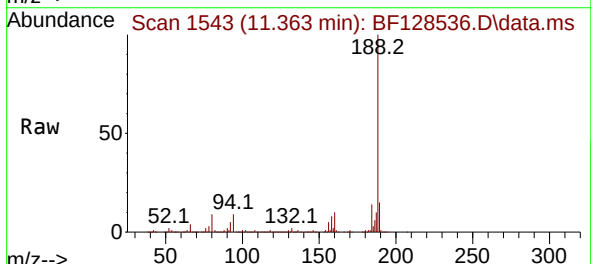
Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01

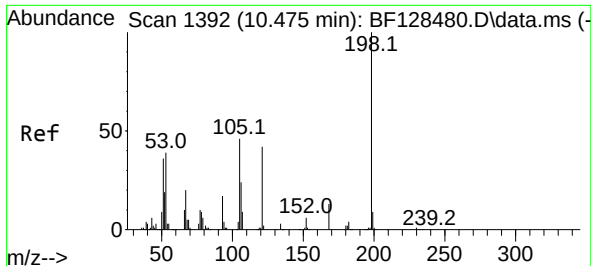
Tgt Ion:165 Resp: 58003
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion:188 Resp: 730532
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.3 7.6 11.4

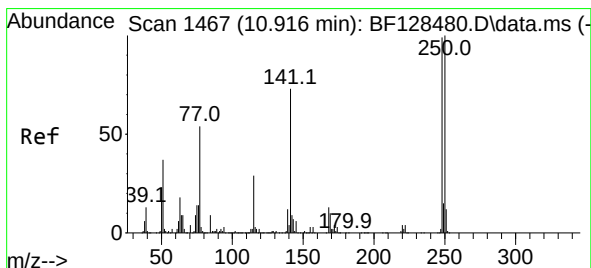
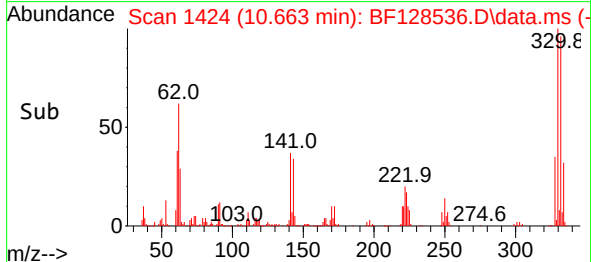
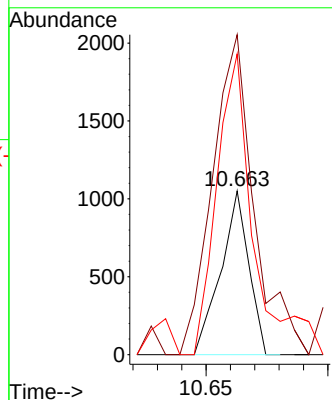
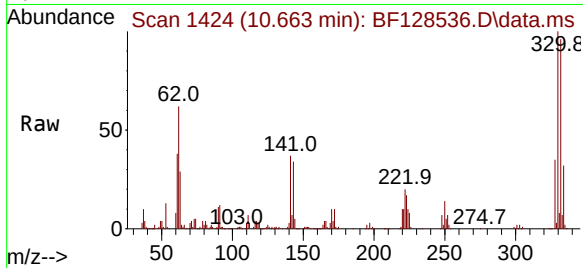




#65
4,6-Dinitro-2-methylphenol
Concen: 5.722 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

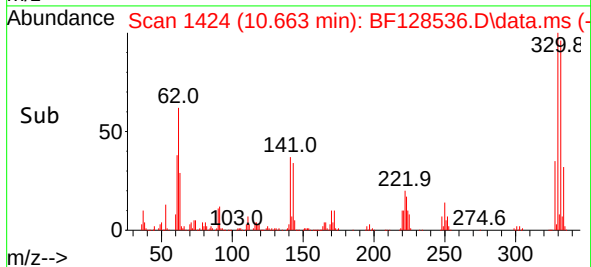
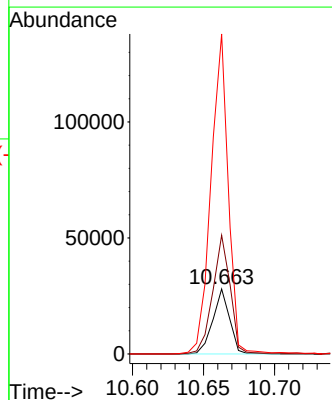
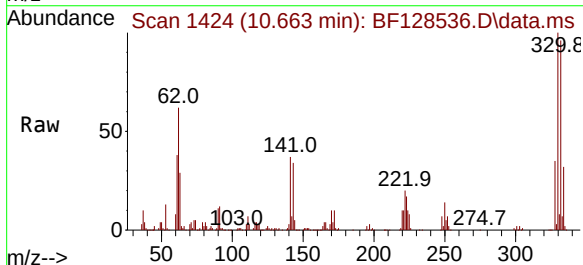
Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01

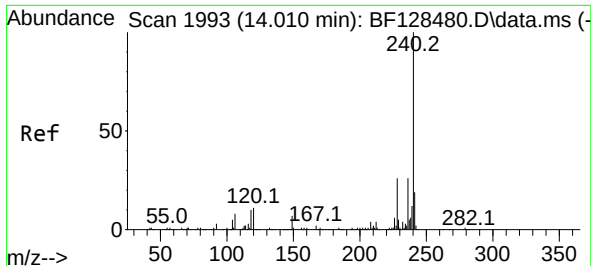
Tgt Ion:198 Resp: 838
Ion Ratio Lower Upper
198 100
51 195.6 37.6 77.6#
105 183.9 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.051 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion:248 Resp: 23026
Ion Ratio Lower Upper
248 100
250 182.7 80.6 120.8#
141 492.6 58.9 88.3#

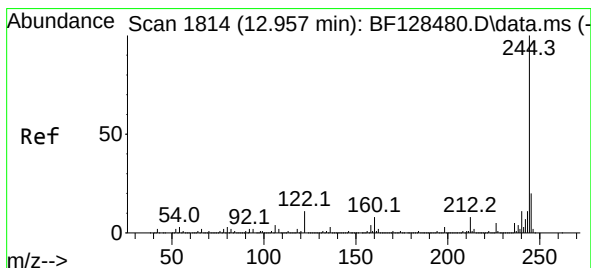
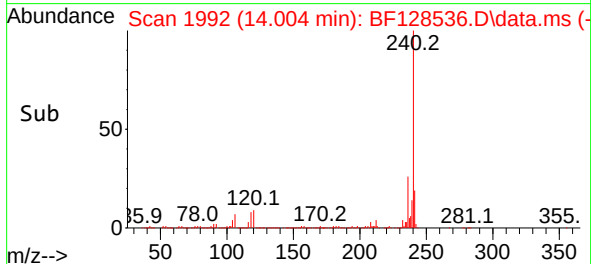
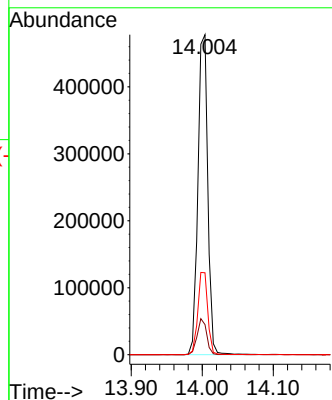
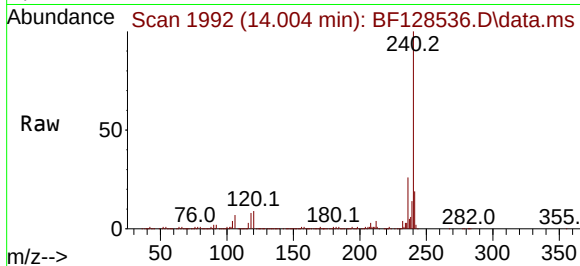




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

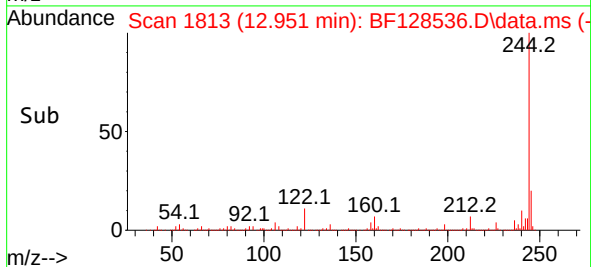
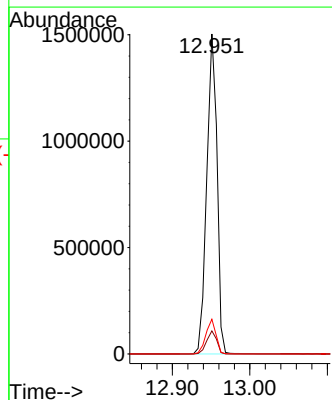
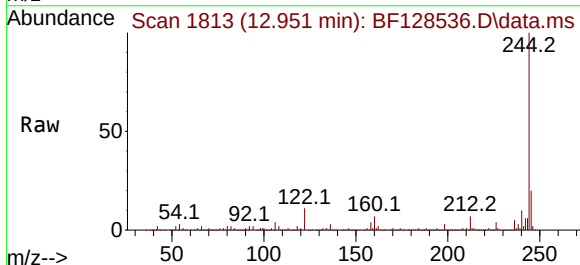
Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01

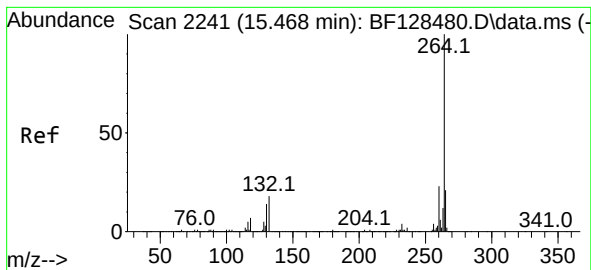
Tgt Ion:240 Resp: 463277
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 57.762 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

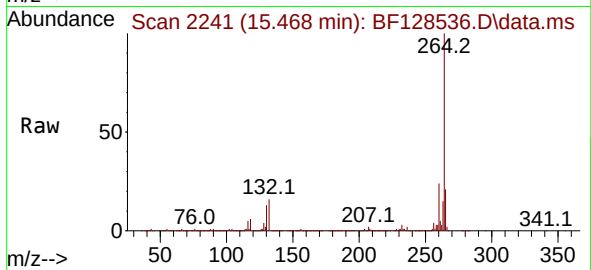
Tgt Ion:244 Resp: 1385109
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 10.8 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01



Tgt Ion:264 Resp: 443008

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.3	17.2	25.8

