

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128339.D
 Acq On : 19 May 2022 16:29
 Operator : CG\JU
 Sample : N2824-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7S

Quant Time: May 19 16:53:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

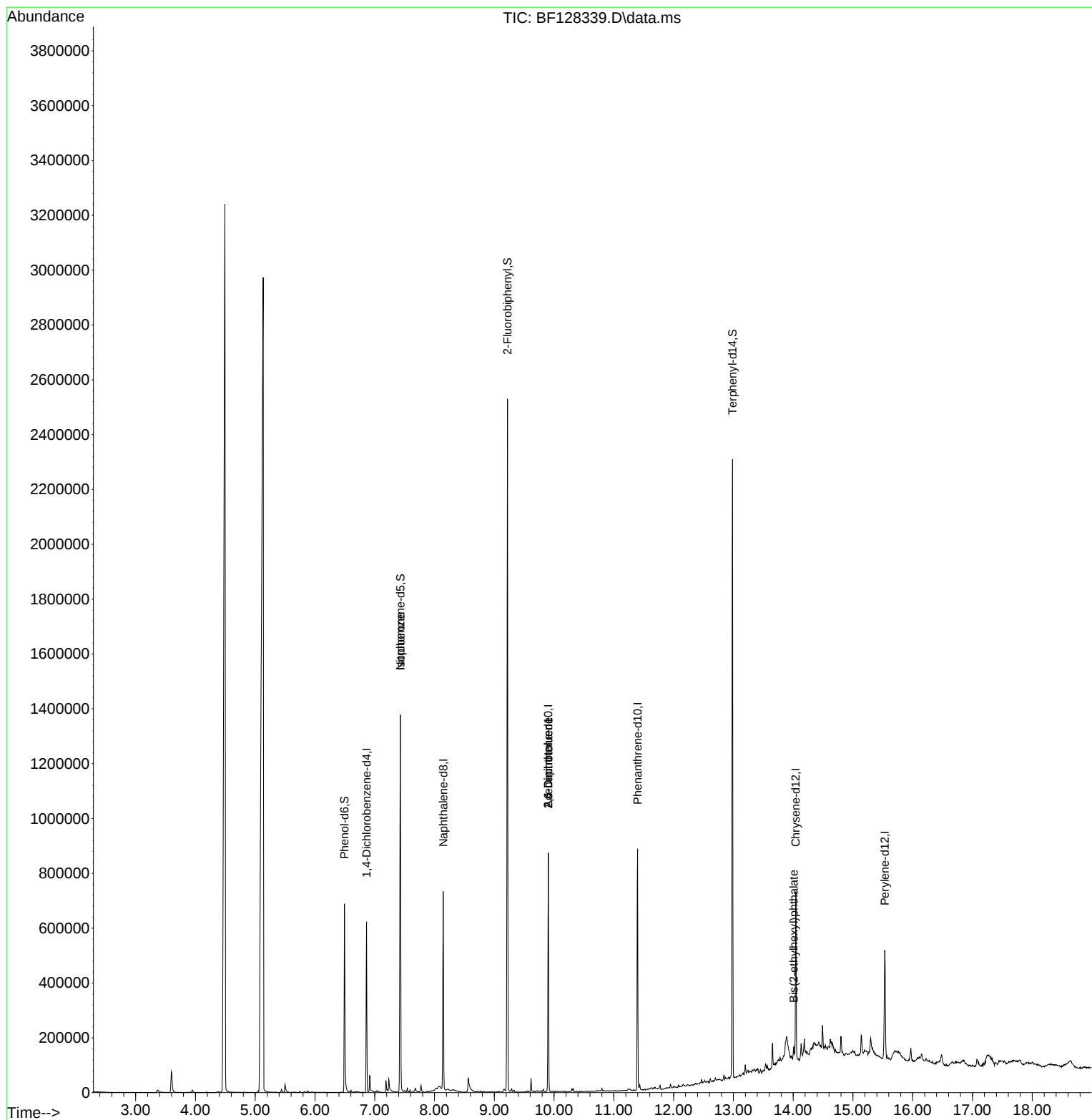
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78920	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	304203	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	170346	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	314869	20.000	ng	0.00
76) Chrysene-d12	14.045	240	198807	20.000	ng	-0.01
86) Perylene-d12	15.533	264	165810	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	9782	1.976	ng	0.00
7) Phenol-d6	6.492	99	211008	32.225	ng	-0.02
23) Nitrobenzene-d5	7.428	82	452034	66.863	ng	-0.02
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.222	172	738007	67.789	ng	-0.01
79) Terphenyl-d14	12.986	244	762853	72.001	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	351	Below Cal	#	3
25) Isophorone	7.428	82	452029	42.648	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	22263	9.232	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	22263	6.904	ng	# 26
84) Bis(2-ethylhexyl)phtha...	14.010	149	20179	2.492	ng	# 99

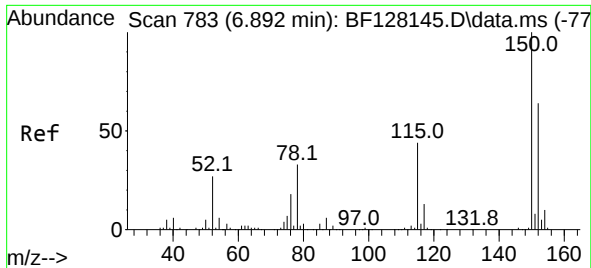
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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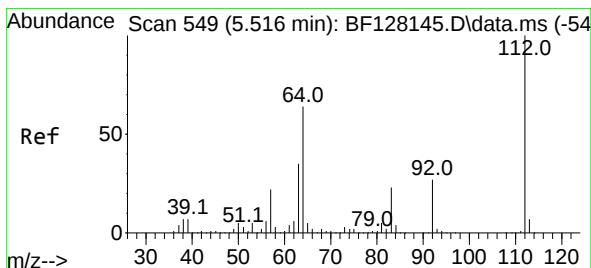
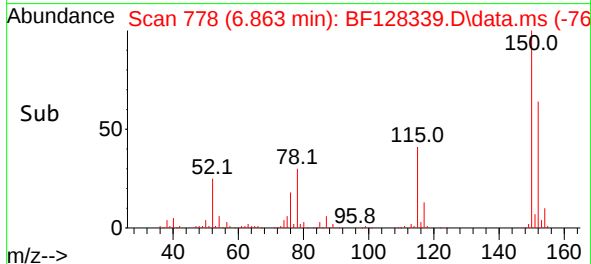
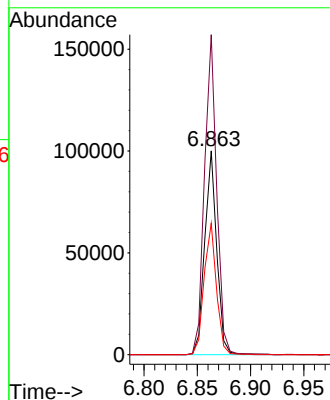
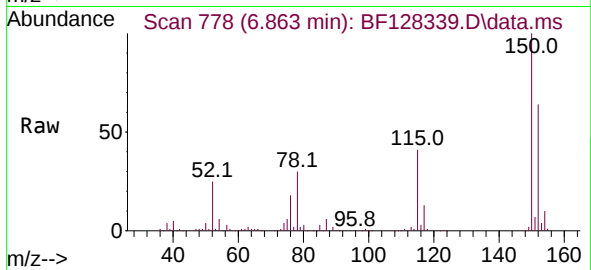




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

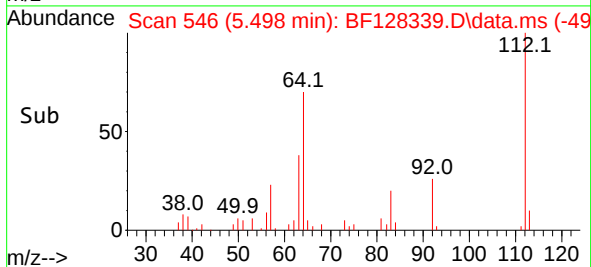
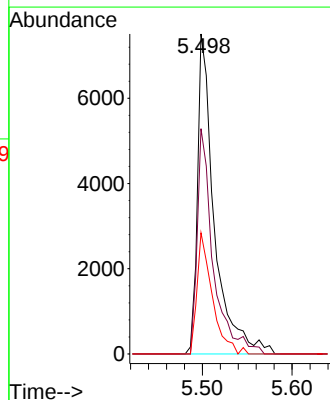
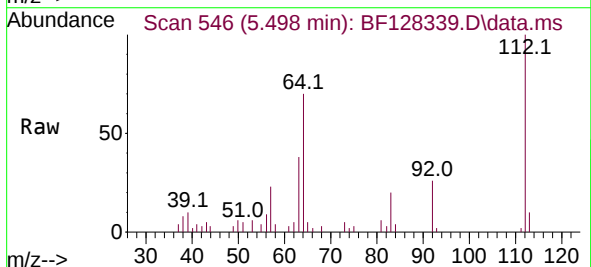
Instrument :
BNA_F
ClientSampleId :
CS-7S

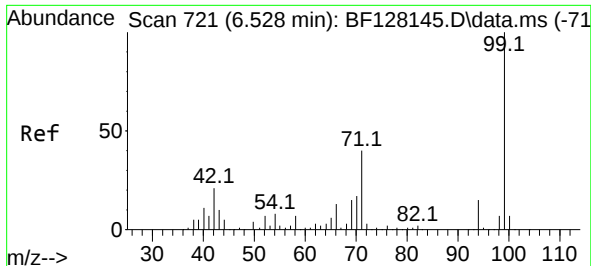
Tgt Ion:152 Resp: 78920
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 64.4 48.8 73.2



#5
2-Fluorophenol
Concen: 1.976 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

Tgt Ion:112 Resp: 9782
Ion Ratio Lower Upper
112 100
64 70.4 49.5 74.3
63 37.9 26.3 39.5

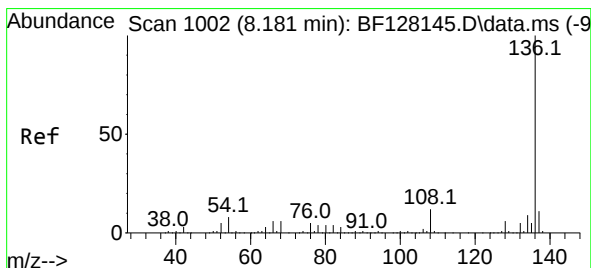
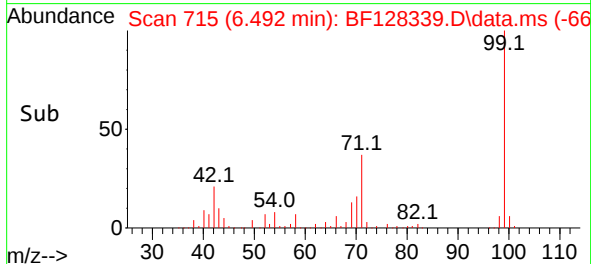
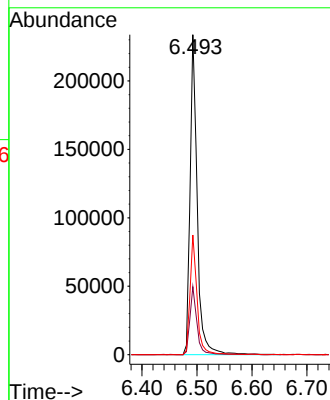
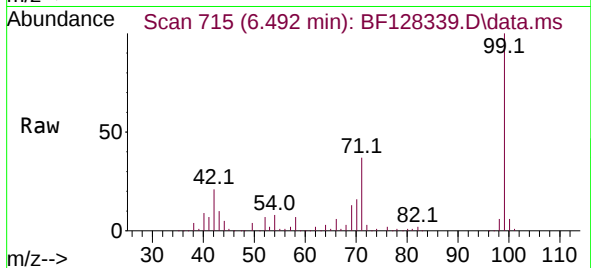




#7
Phenol-d6
Concen: 32.225 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

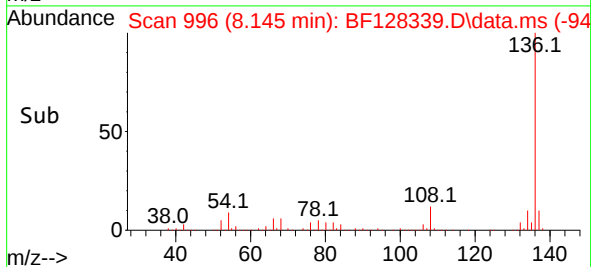
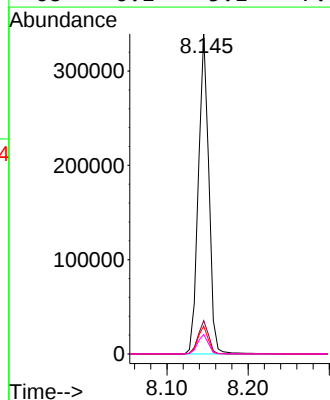
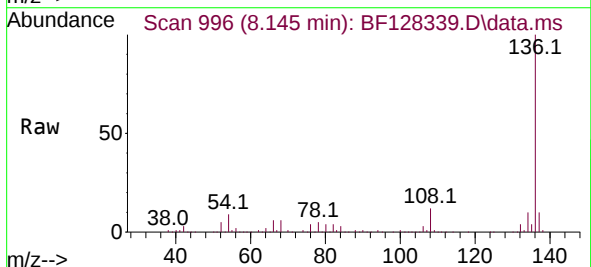
Instrument :
BNA_F
ClientSampleId :
CS-7S

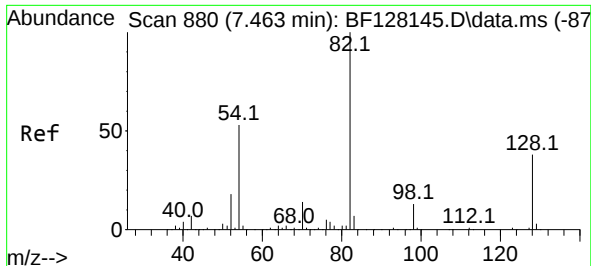
Tgt Ion: 99 Resp: 211008
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 37.4 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

Tgt Ion: 136 Resp: 304203
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.7 6.8 10.2
68 6.1 5.1 7.7

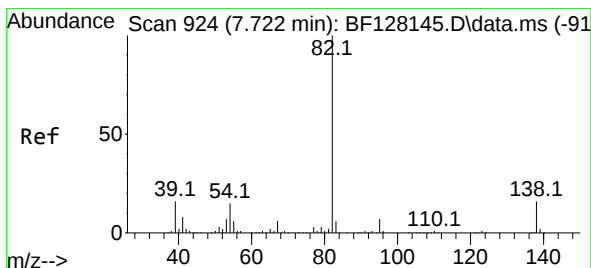
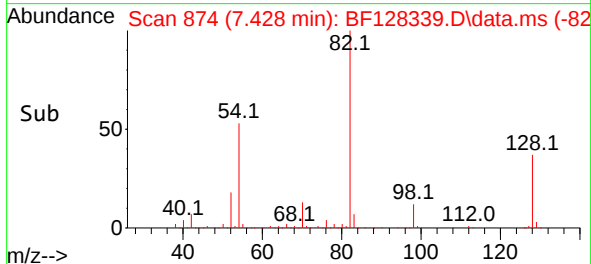
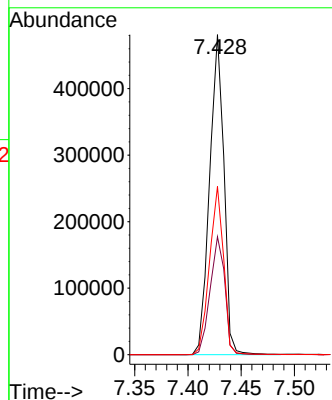
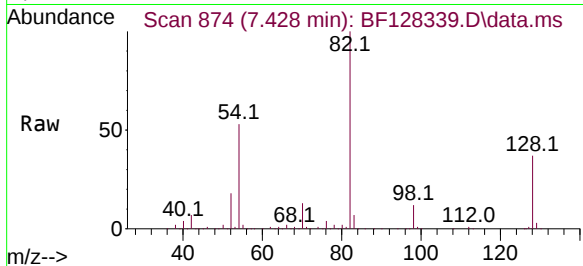




#23
Nitrobenzene-d5
Concen: 66.863 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

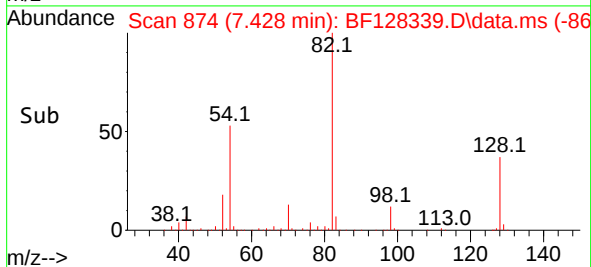
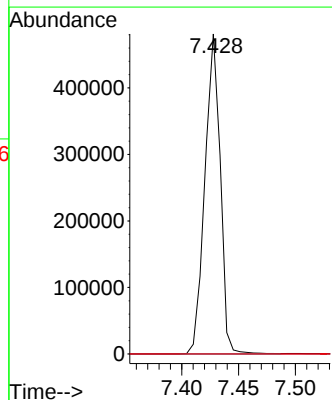
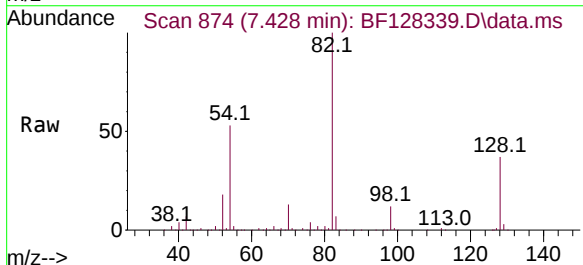
Instrument :
BNA_F
ClientSampleId :
CS-7S

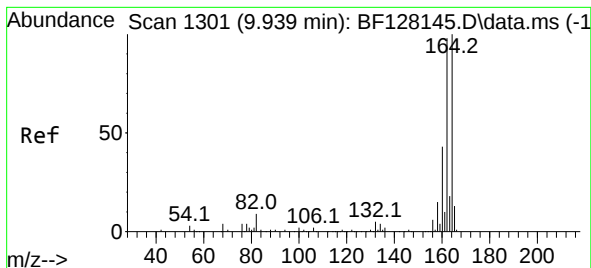
Tgt Ion: 82 Resp: 452034
Ion Ratio Lower Upper
82 100
128 36.9 30.0 45.0
54 52.6 41.3 61.9



#25
Isophorone
Concen: 42.648 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.270 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

Tgt Ion: 82 Resp: 452029
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: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128339.D

Acq: 19 May 2022 16:29

Instrument :

BNA_F

ClientSampleId :

CS-7S

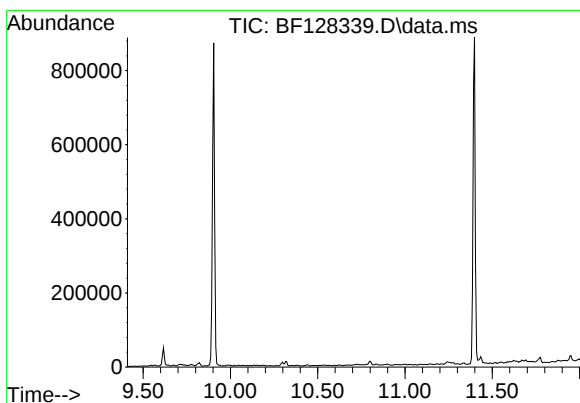
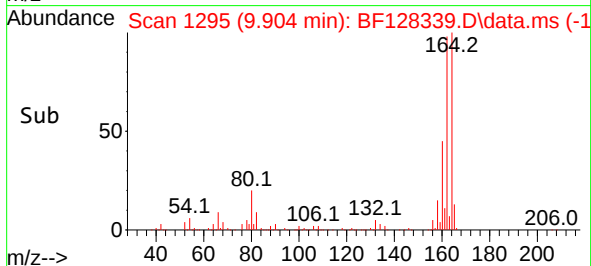
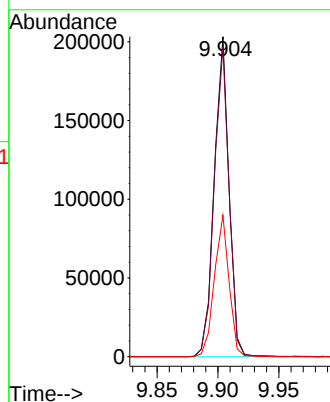
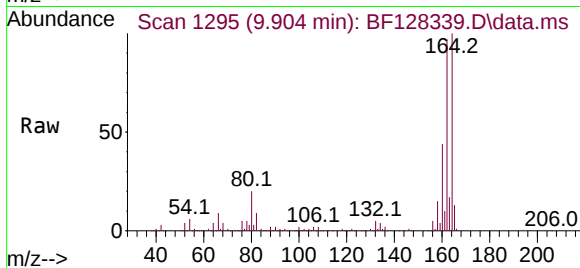
Tgt Ion:164 Resp: 170346

Ion Ratio Lower Upper

164 100

162 96.8 76.0 114.0

160 44.2 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.71 min

Lab File: BF128339.D

Acq: 19 May 2022 16:29

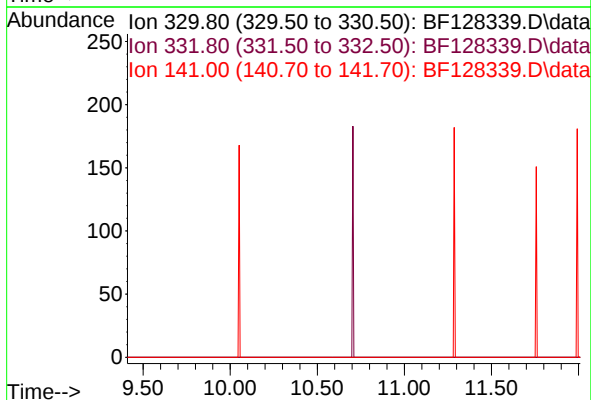
Tgt Ion: 330

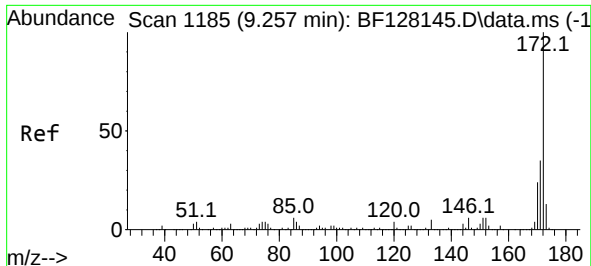
Sig Exp Ratio

330 100

332 98.7

141 36.1

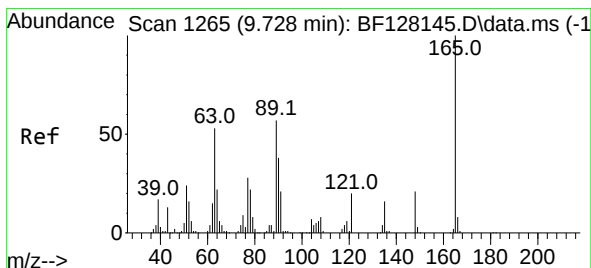
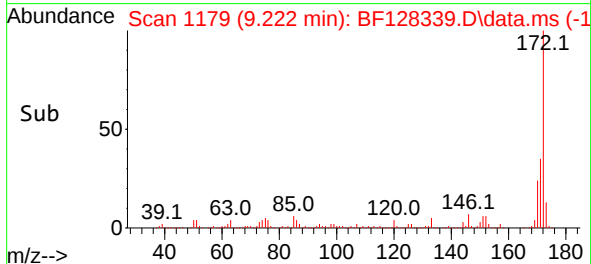
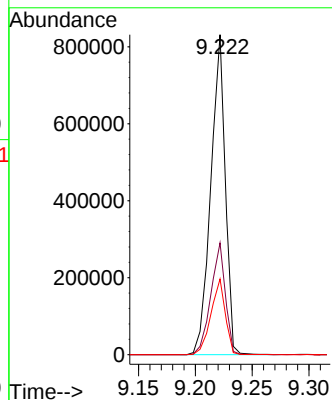
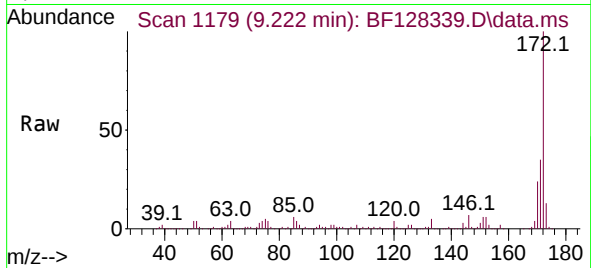




#45
2-Fluorobiphenyl
Concen: 67.789 ng
RT: 9.222 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

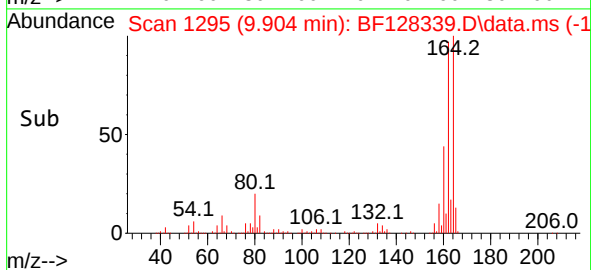
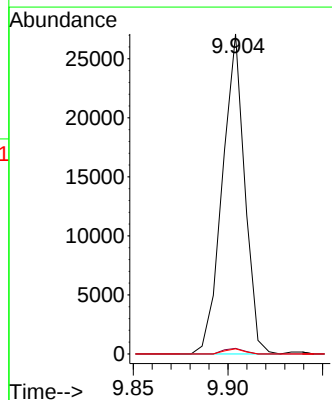
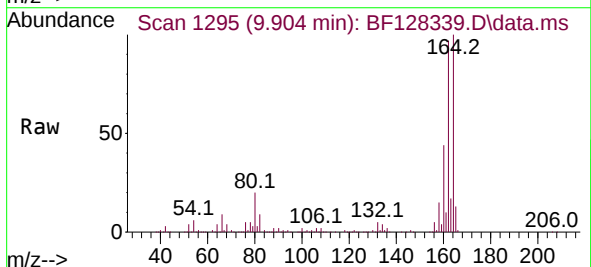
Instrument :
BNA_F
ClientSampleId :
CS-7S

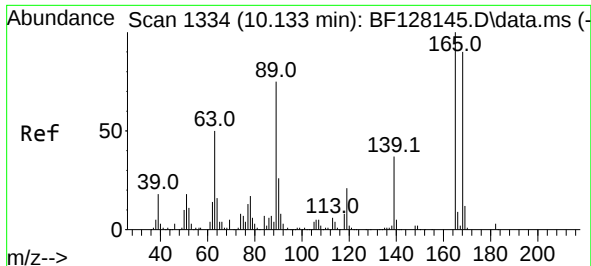
Tgt Ion:172 Resp: 738007
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.7 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.232 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

Tgt Ion:165 Resp: 22263
Ion Ratio Lower Upper
165 100
63 1.7 49.5 74.3#
89 1.6 49.0 73.4#

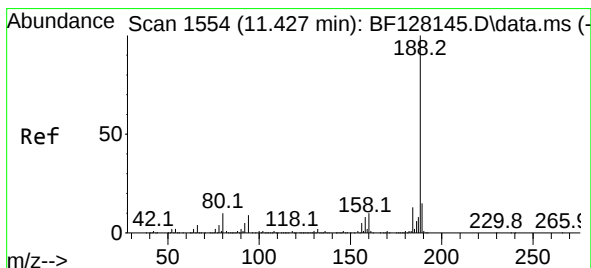
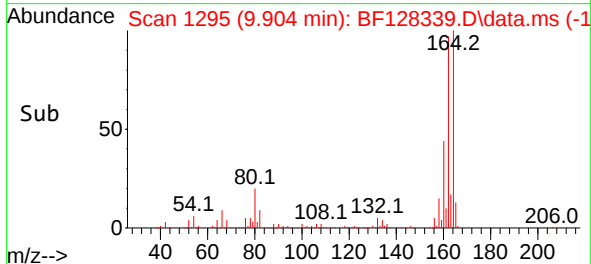
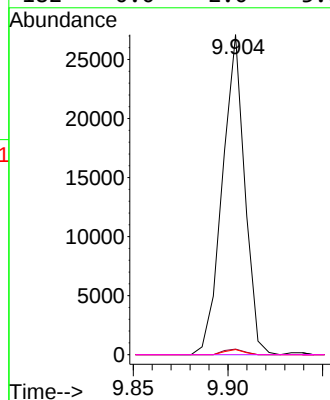
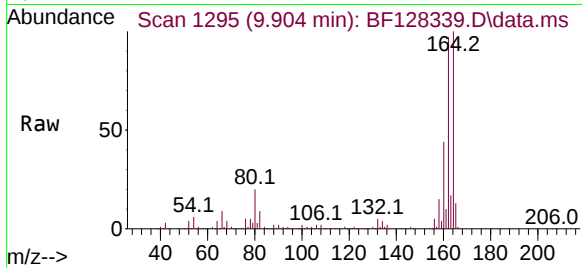




#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

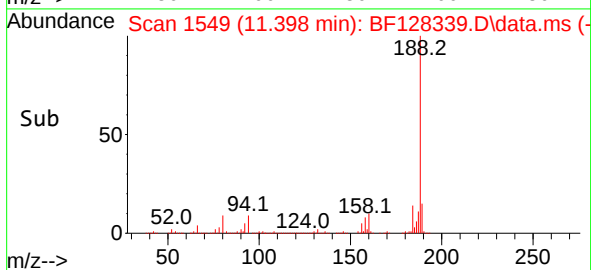
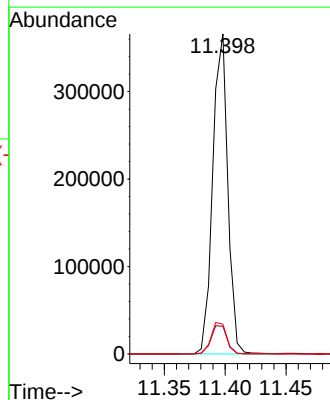
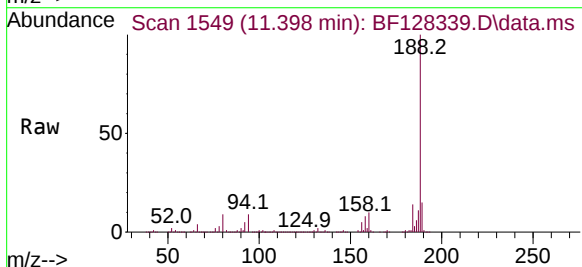
Instrument :
BNA_F
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CS-7S

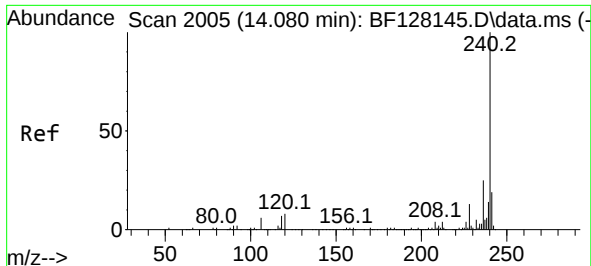
Tgt Ion:165 Resp: 22263
Ion Ratio Lower Upper
165 100
63 1.7 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

Tgt Ion:188 Resp: 314869
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.3 8.9 13.3

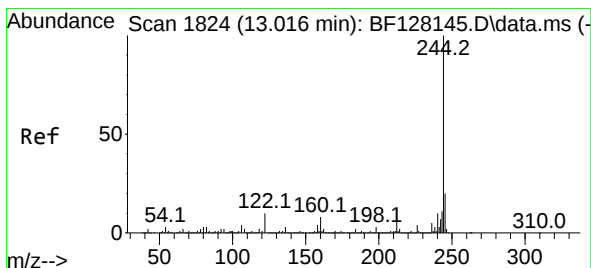
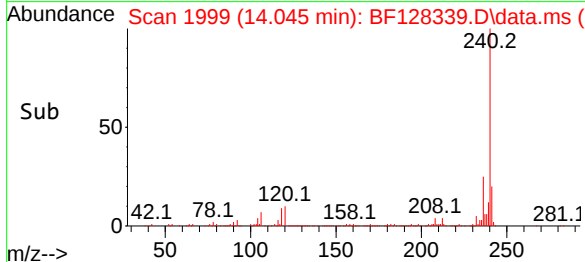
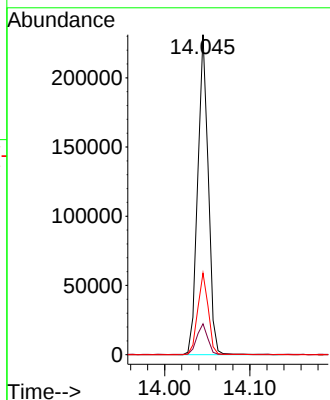
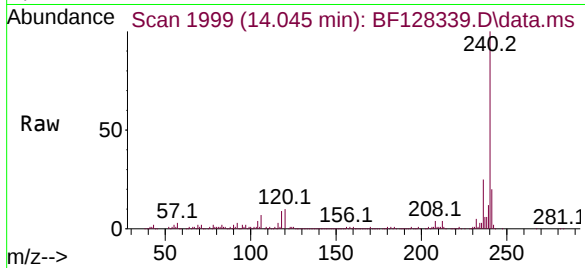




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

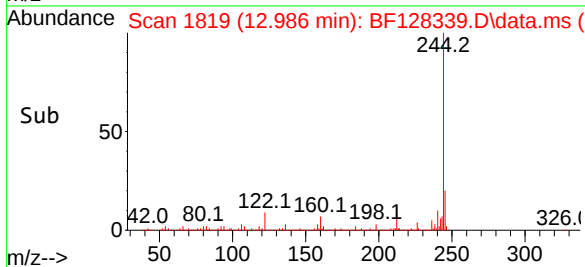
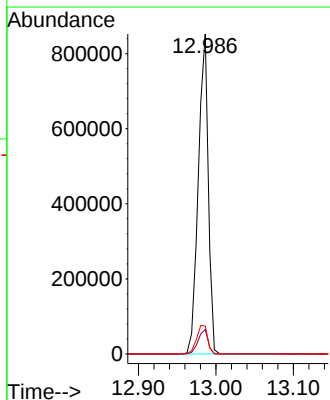
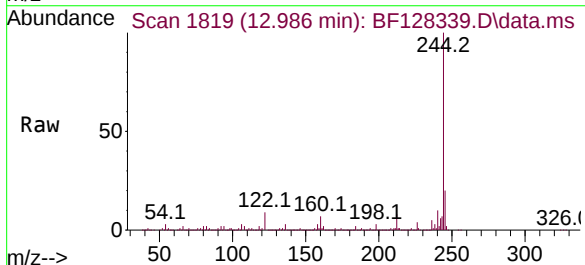
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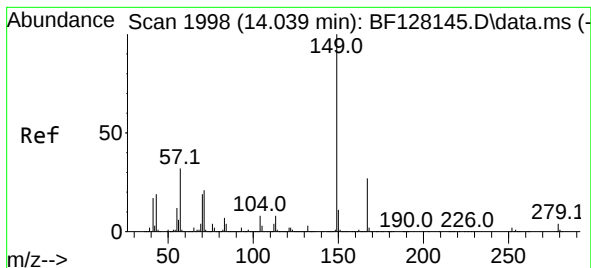
Tgt Ion:240 Resp: 198807
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 72.001 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

Tgt Ion:244 Resp: 762853
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 8.7 8.6 12.8

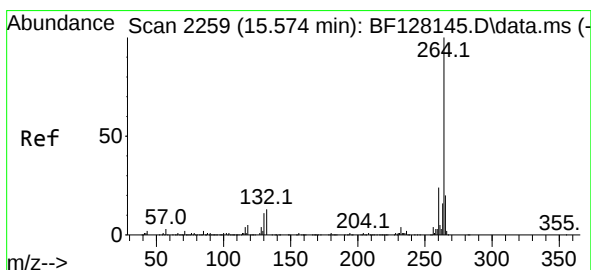
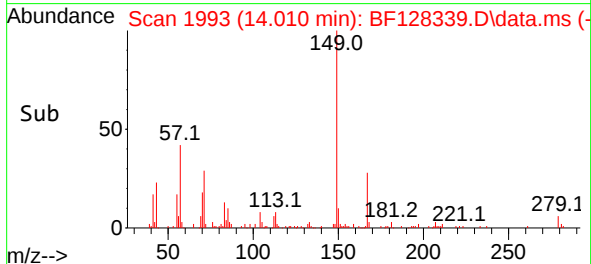
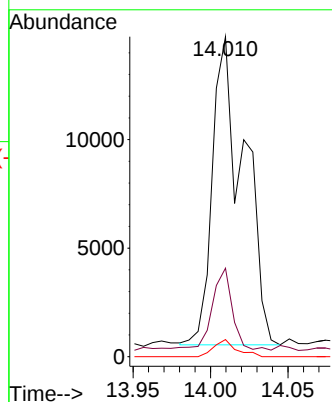
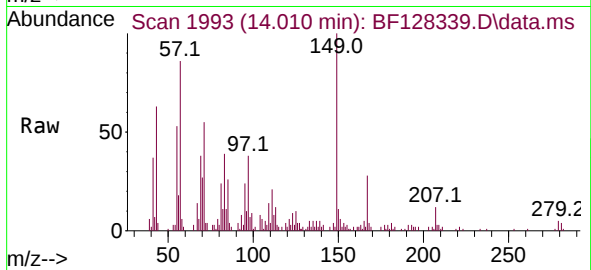




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.492 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

Instrument :
BNA_F
ClientSampleId :
CS-7S

Tgt Ion:149 Resp: 20179
Ion Ratio Lower Upper
149 100
167 27.7 22.0 33.0
279 5.3 3.4 5.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. -0.012 min
Lab File: BF128339.D
Acq: 19 May 2022 16:29

Tgt Ion:264 Resp: 165810
Ion Ratio Lower Upper
264 100
260 23.8 20.1 30.1
265 20.6 17.5 26.3

