

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128345.D
 Acq On : 19 May 2022 19:26
 Operator : CG\JU
 Sample : N2934-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-220512

Quant Time: May 20 02:46:53 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)

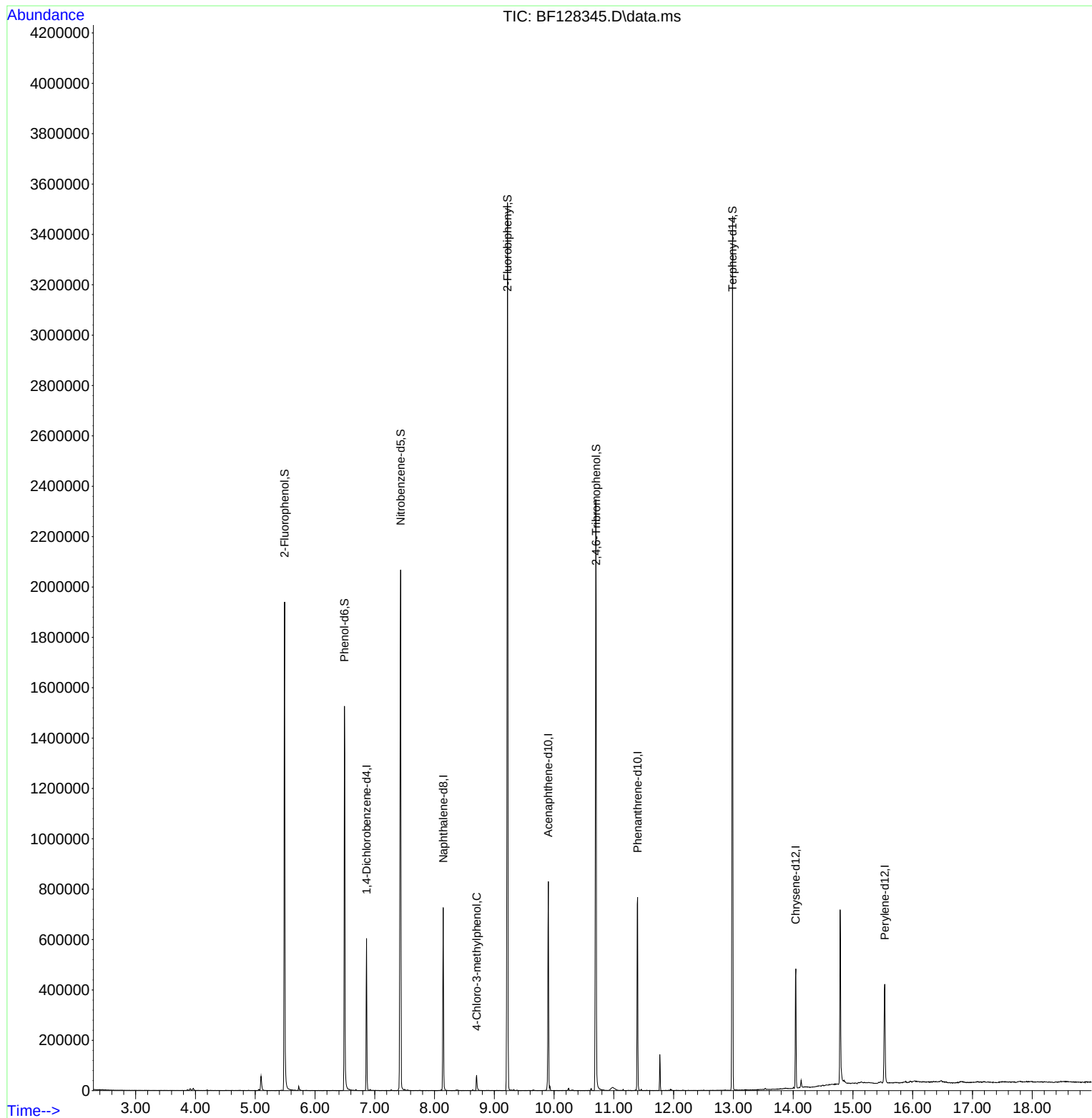
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78603	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	299569	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	165577	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	288972	20.000	ng	0.00
76) Chrysene-d12	14.045	240	167673	20.000	ng	-0.01
86) Perylene-d12	15.533	264	180915	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	475790	96.494	ng	0.00
7) Phenol-d6	6.492	99	496329	76.104	ng	-0.02
23) Nitrobenzene-d5	7.433	82	751153	112.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	294639	155.158	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1141096	107.833	ng	-0.01
79) Terphenyl-d14	12.986	244	1168922	130.813	ng	0.00
Target Compounds						
36) 4-Chloro-3-methylphenol	8.704	107	14432	2.954	ng	Qvalue 92

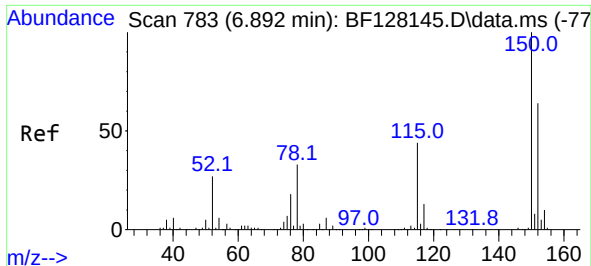
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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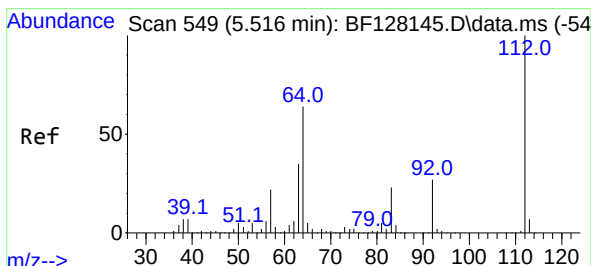
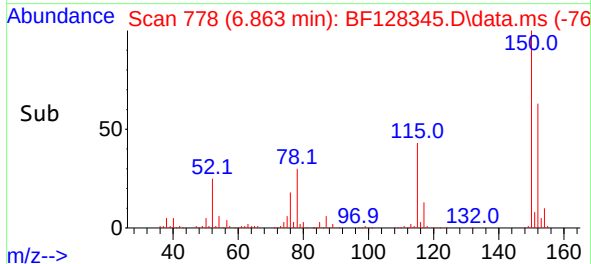
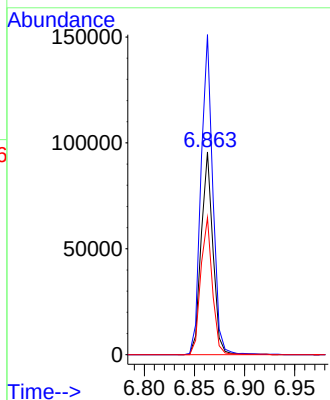
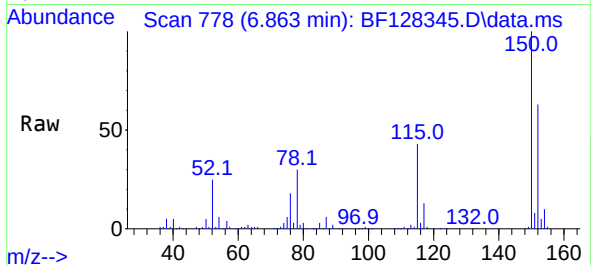




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128345.D
 Acq: 19 May 2022 19:26

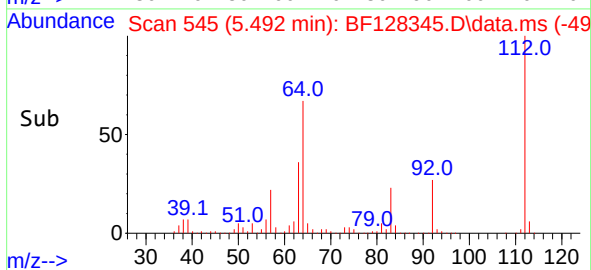
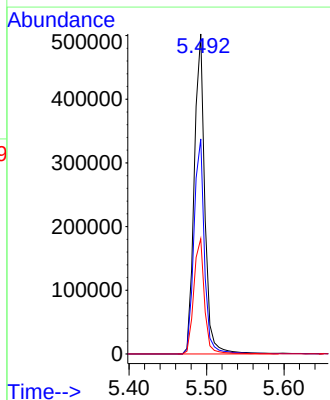
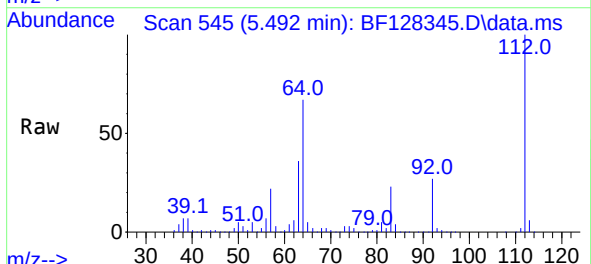
Instrument :
 BNA_F
 ClientSampleId :
 RB-220512

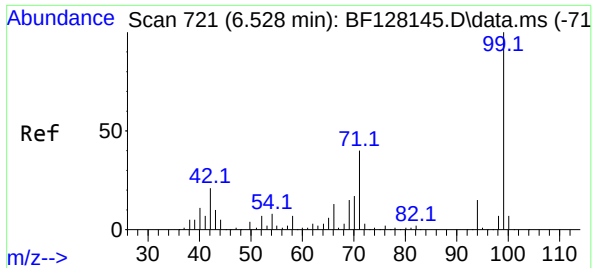
Tgt Ion:152 Resp: 78603
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.3 187.9
 115 67.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 96.494 ng
 RT: 5.492 min Scan# 545
 Delta R.T. 0.000 min
 Lab File: BF128345.D
 Acq: 19 May 2022 19:26

Tgt Ion:112 Resp: 475790
 Ion Ratio Lower Upper
 112 100
 64 67.2 49.5 74.3
 63 36.0 26.3 39.5

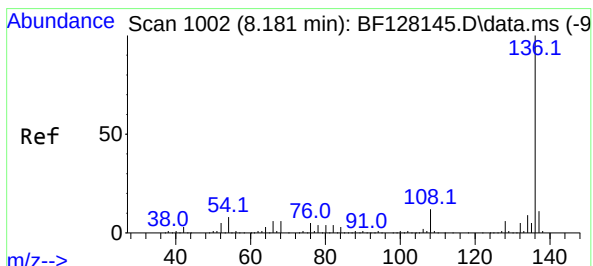
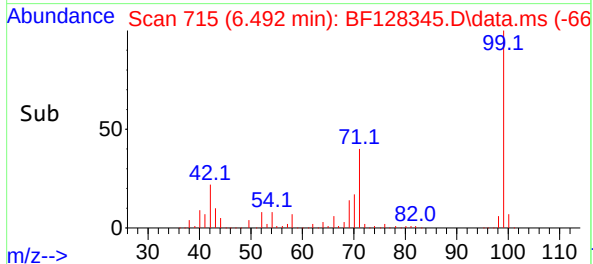
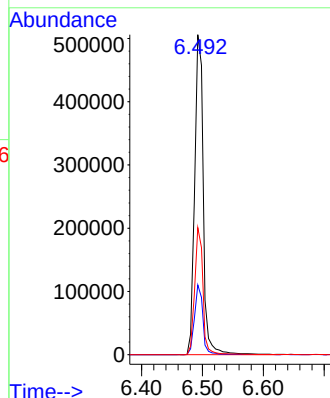
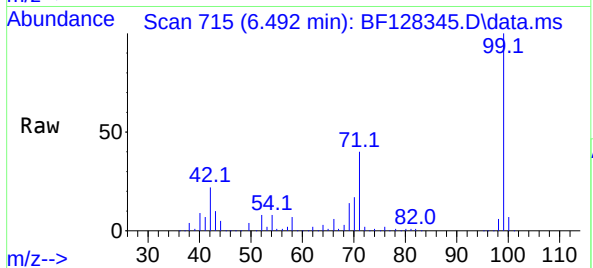




#7
Phenol-d6
Concen: 76.104 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

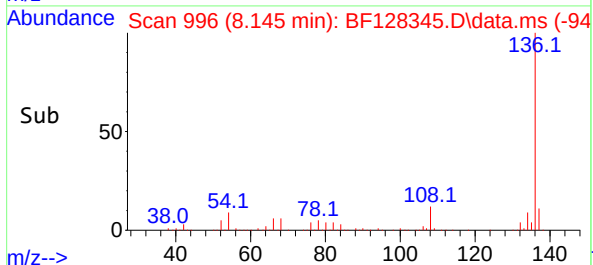
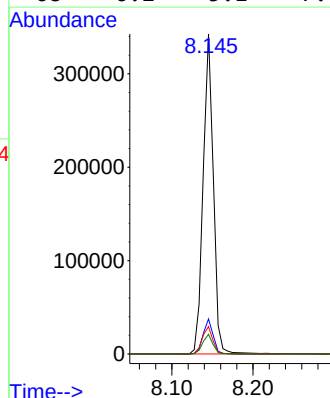
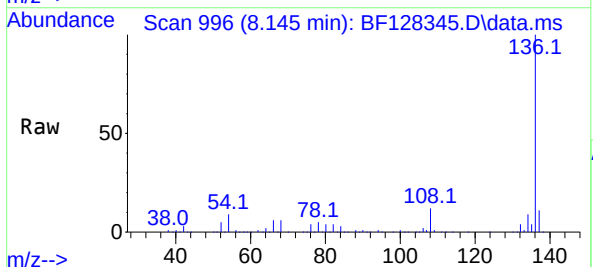
Instrument :
BNA_F
ClientSampleId :
RB-220512

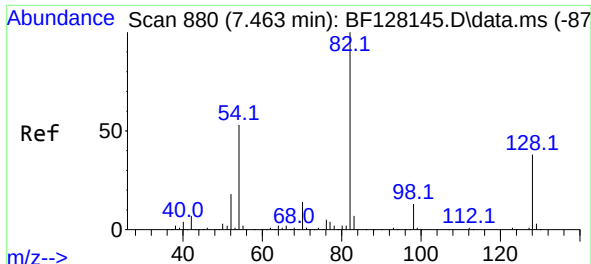
Tgt Ion: 99 Resp: 496329
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 39.7 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Tgt Ion: 136 Resp: 299569
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 6.8 10.2
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 112.827 ng

RT: 7.433 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

Instrument :

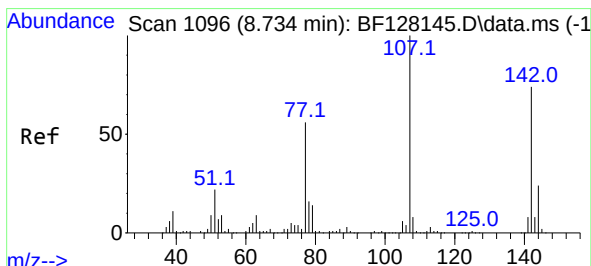
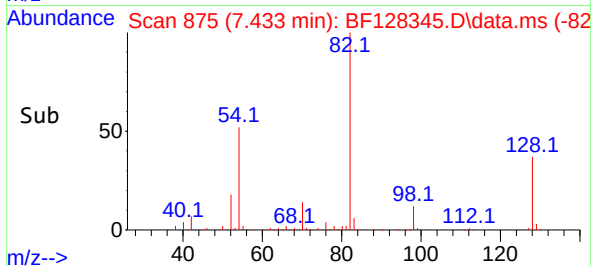
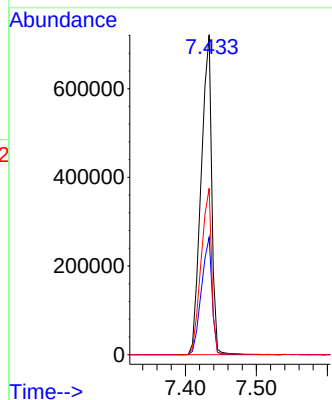
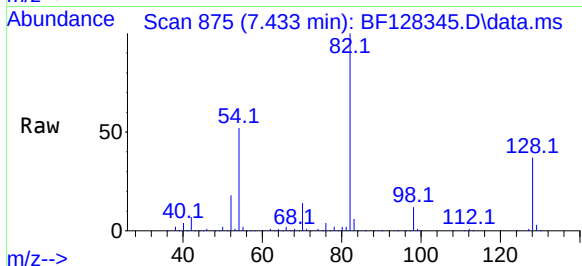
BNA_F

ClientSampleId :

RB-220512

Tgt Ion: 82 Resp: 751153

Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.0	45.0
54	52.0	41.3	61.9



#36

4-Chloro-3-methylphenol

Concen: 2.954 ng

RT: 8.704 min Scan# 1091

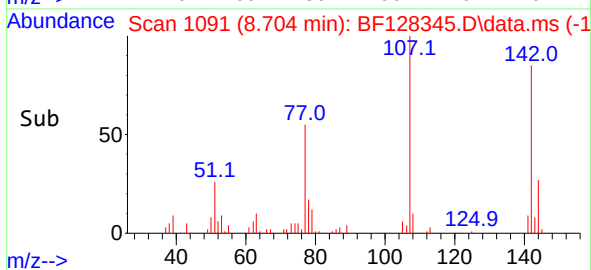
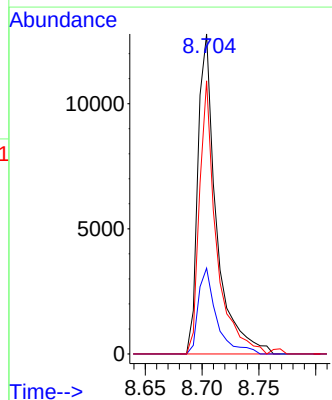
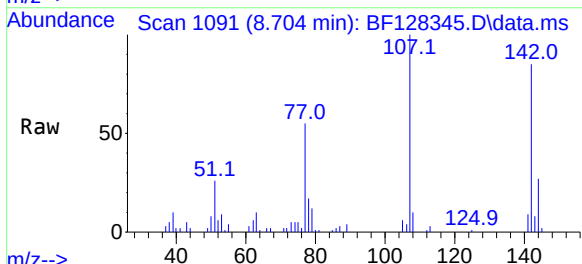
Delta R.T. -0.012 min

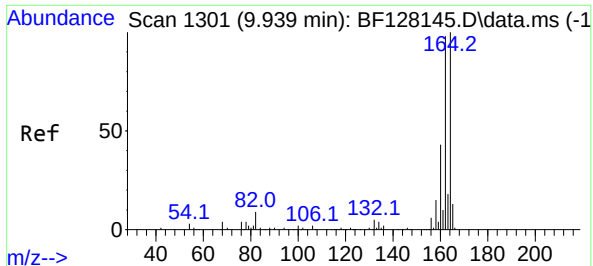
Lab File: BF128345.D

Acq: 19 May 2022 19:26

Tgt Ion: 107 Resp: 14432

Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.2	30.4
142	85.4	61.5	92.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

Instrument :

BNA_F

ClientSampleId :

RB-220512

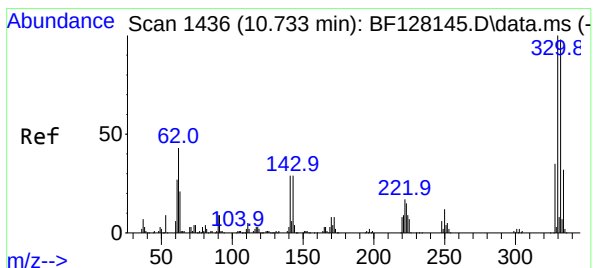
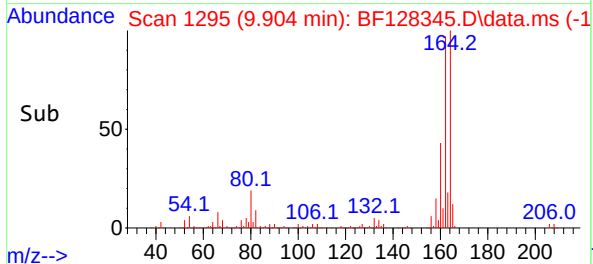
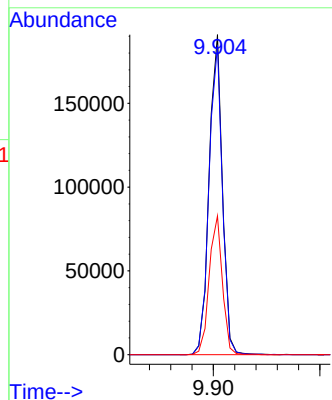
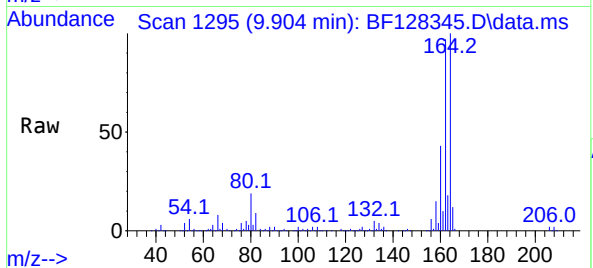
Tgt Ion:164 Resp: 165577

Ion Ratio Lower Upper

164 100

162 96.6 76.0 114.0

160 43.4 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 155.158 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.006 min

Lab File: BF128345.D

Acq: 19 May 2022 19:26

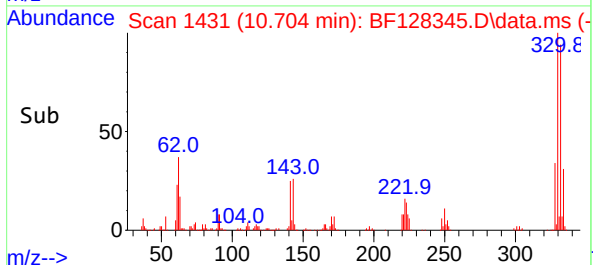
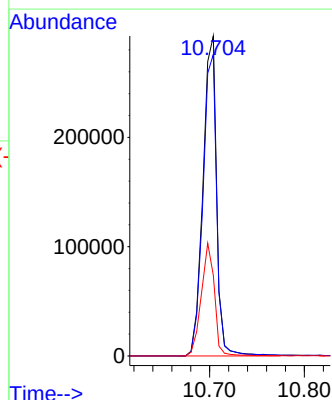
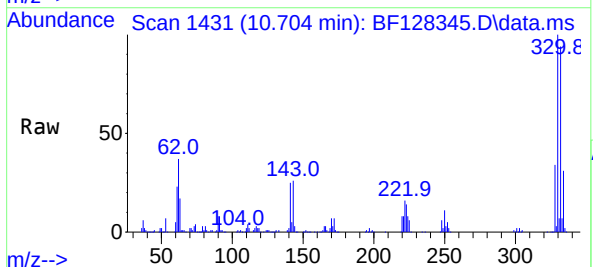
Tgt Ion:330 Resp: 294639

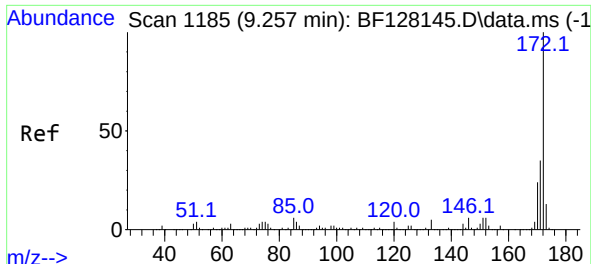
Ion Ratio Lower Upper

330 100

332 95.1 79.0 118.4

141 34.0 28.9 43.3

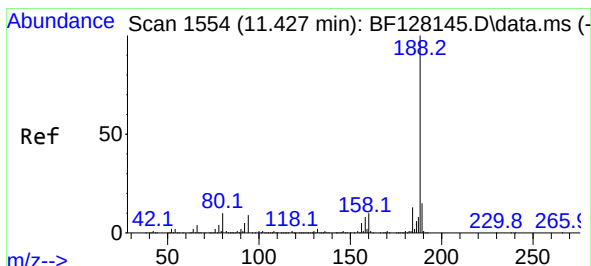
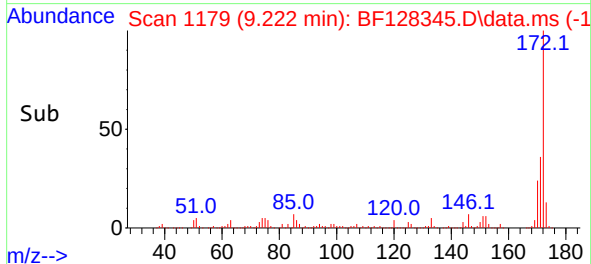
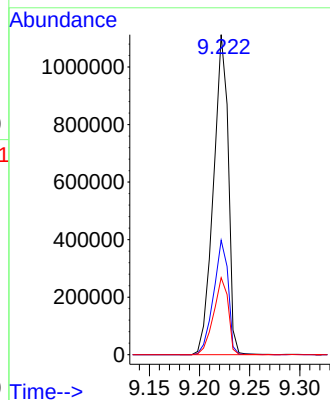
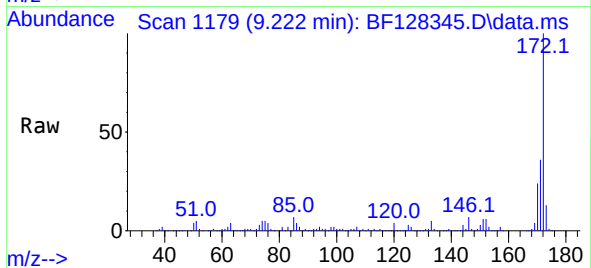




#45
2-Fluorobiphenyl
Concen: 107.833 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

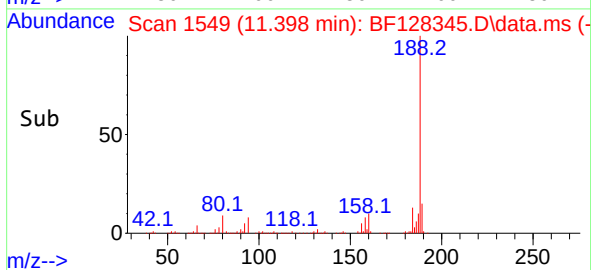
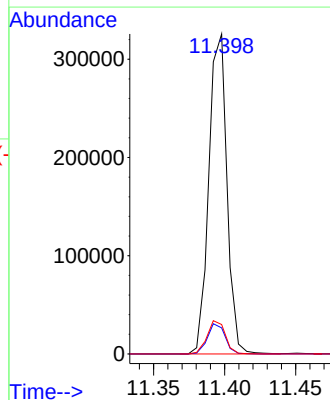
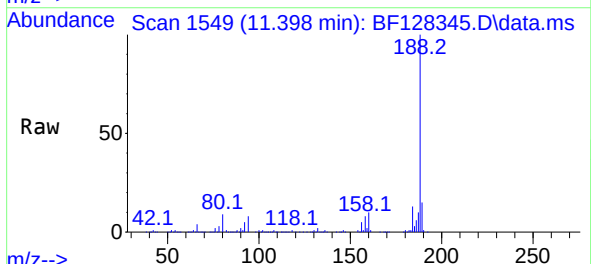
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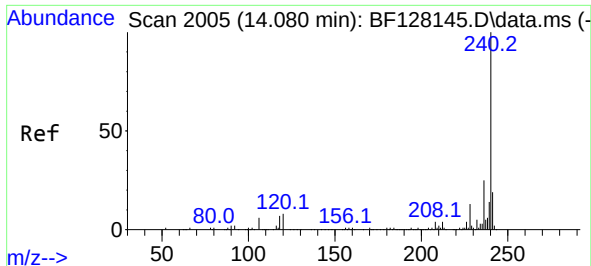
Tgt Ion:172 Resp: 1141096
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.1 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Tgt Ion:188 Resp: 288972
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 9.2 8.9 13.3

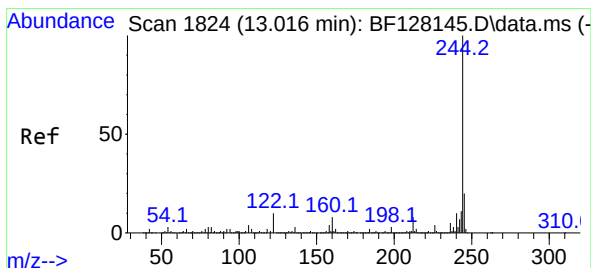
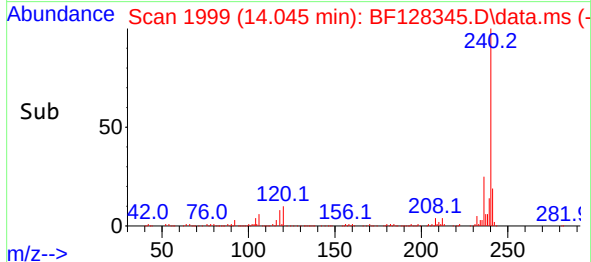
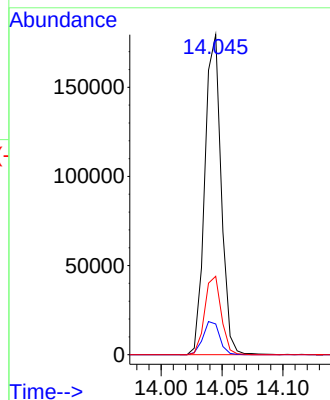
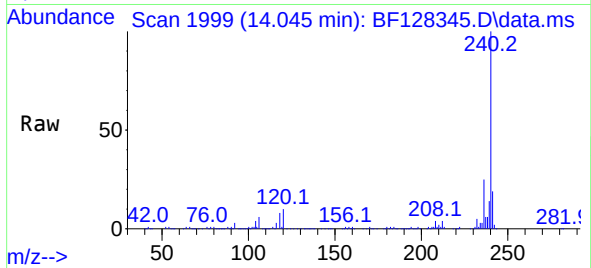




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

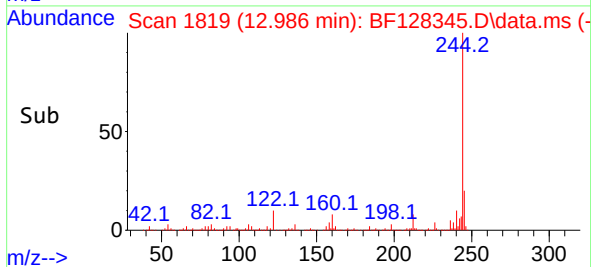
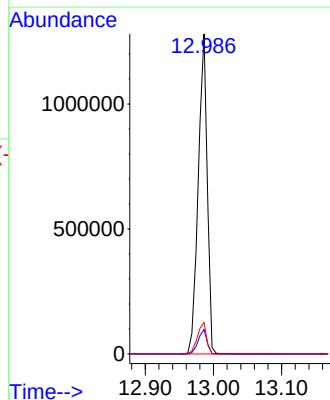
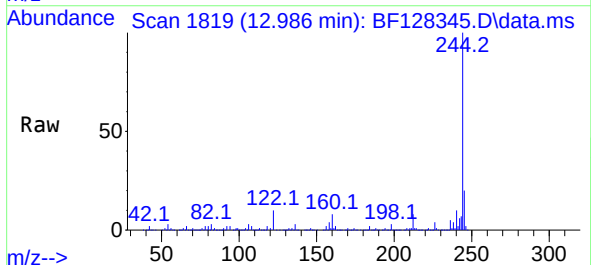
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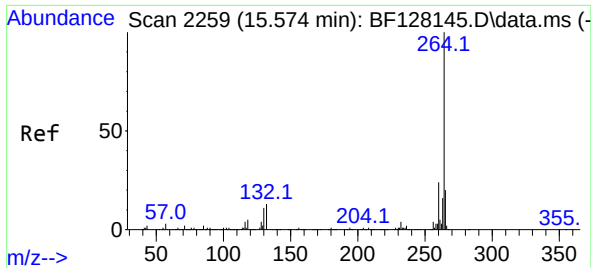
Tgt Ion:240 Resp: 167673
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 24.5 20.3 30.5



#79
Terphenyl-d14
Concen: 130.813 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

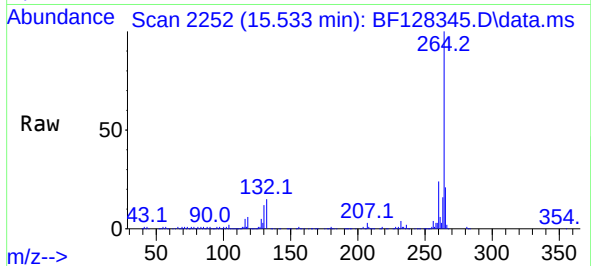
Tgt Ion:244 Resp: 1168922
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.8 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128345.D
Acq: 19 May 2022 19:26

Instrument :
BNA_F
ClientSampleId :
RB-220512



Tgt Ion:264 Resp: 180915

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	21.2	17.5	26.3

