

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
 Data File : BF132492.D
 Acq On : 21 Feb 2023 12:46
 Operator : CG\JU
 Sample : PB150950BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150950BL

Quant Time: Feb 22 00:49:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 16:43:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	198849	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	762863	20.000	ng	0.00
39) Acenaphthene-d10	10.066	164	431180	20.000	ng	-0.01
64) Phenanthrene-d10	11.566	188	862813	20.000	ng	0.00
76) Chrysene-d12	14.224	240	579975	20.000	ng	0.00
86) Perylene-d12	15.783	264	444229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1493485	120.348	ng	0.01
7) Phenol-d6	6.642	99	1962211	121.093	ng	0.00
23) Nitrobenzene-d5	7.584	82	1310900	82.568	ng	-0.01
42) 2,4,6-Tribromophenol	10.866	330	560247	130.228	ng	0.00
45) 2-Fluorobiphenyl	9.383	172	2108850	75.530	ng	0.00
79) Terphenyl-d14	13.160	244	2736758	85.938	ng	0.00

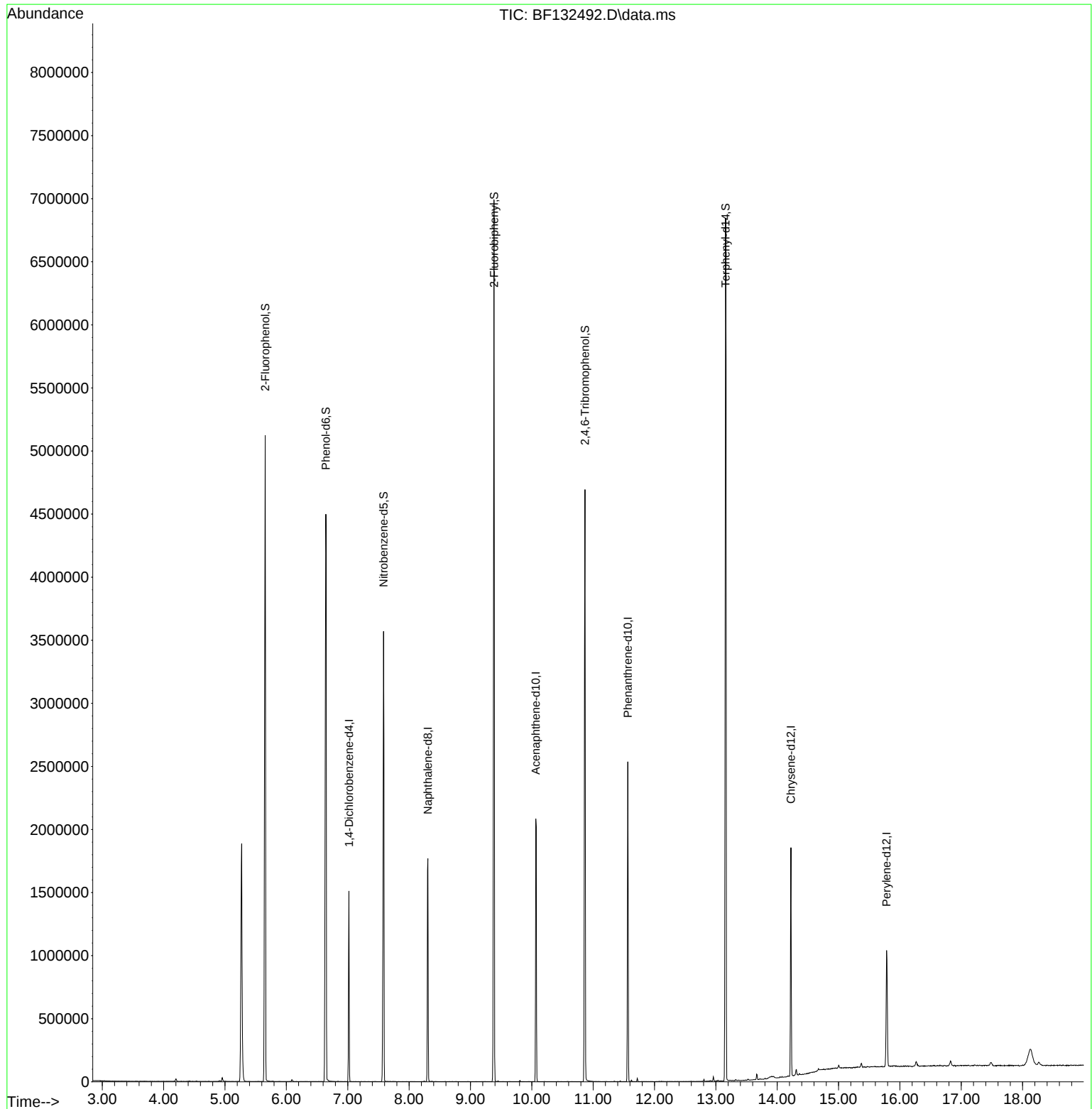
Target Compounds	Qvalue

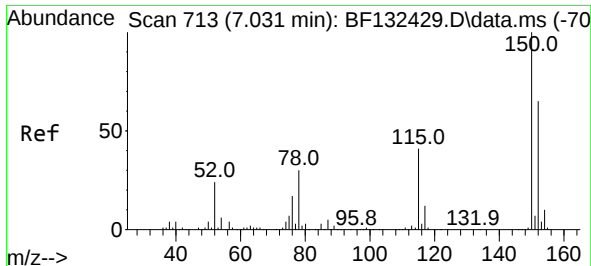
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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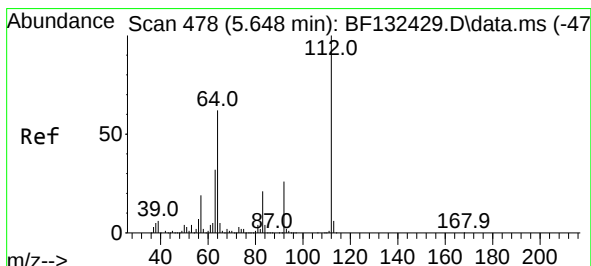
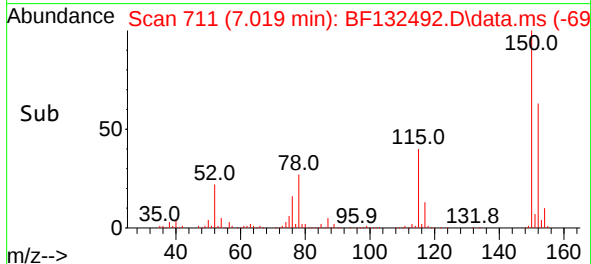
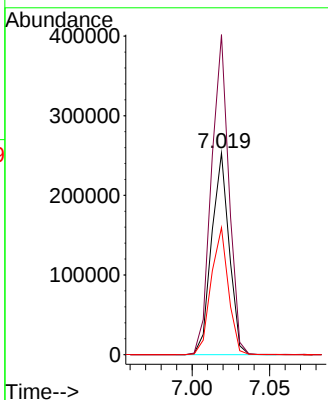
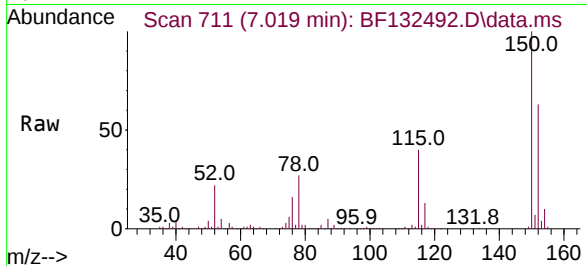




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132492.D
Acq: 21 Feb 2023 12:46

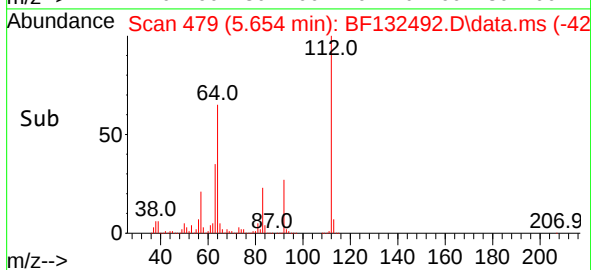
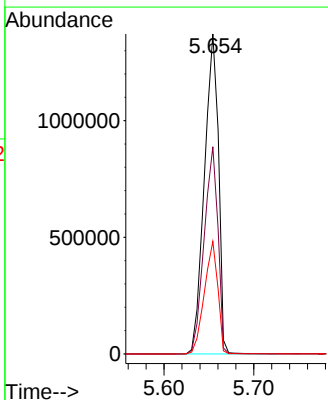
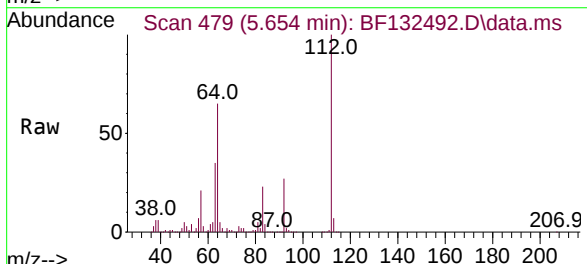
Instrument :
BNA_F
ClientSampleId :
PB150950BL

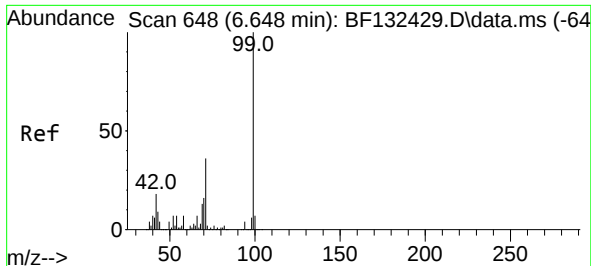
Tgt Ion:152 Resp: 198849
Ion Ratio Lower Upper
152 100
150 158.8 123.8 185.8
115 63.0 50.4 75.6



#5
2-Fluorophenol
Concen: 120.348 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.012 min
Lab File: BF132492.D
Acq: 21 Feb 2023 12:46

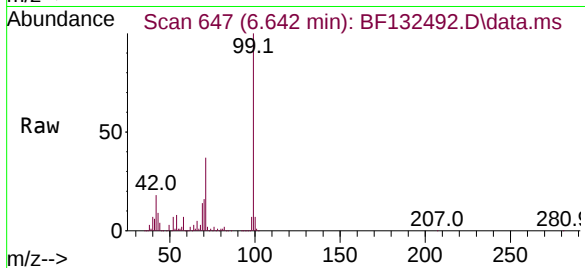
Tgt Ion:112 Resp: 1493485
Ion Ratio Lower Upper
112 100
64 64.7 49.7 74.5
63 35.1 25.8 38.8





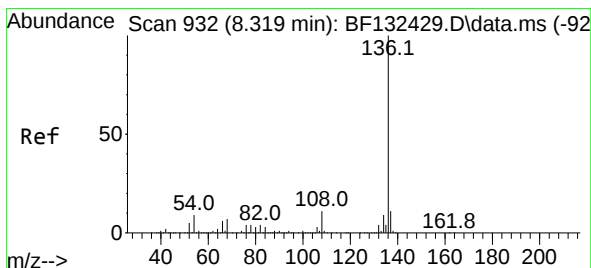
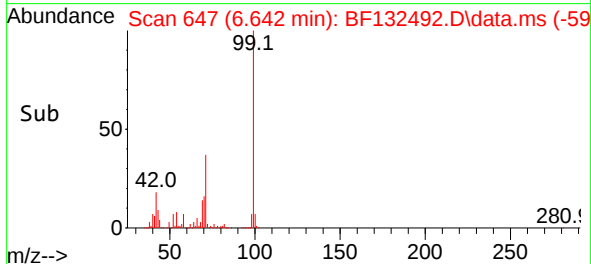
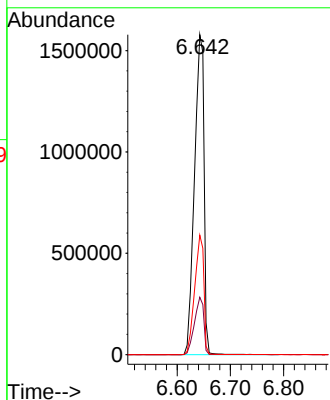
#7
Phenol-d6
Concen: 121.093 ng
RT: 6.642 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132492.D
Acq: 21 Feb 2023 12:46

Instrument :
BNA_F
ClientSampleId :
PB150950BL



Tgt Ion: 99 Resp: 1962211

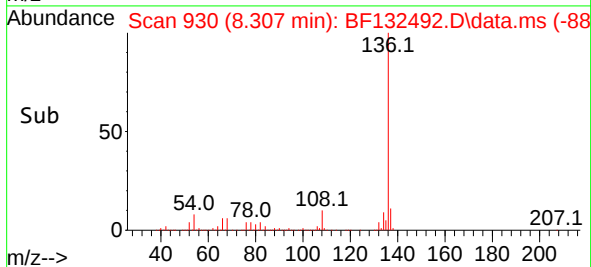
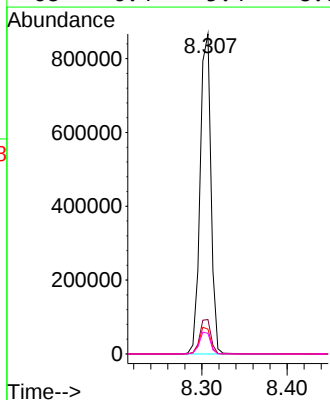
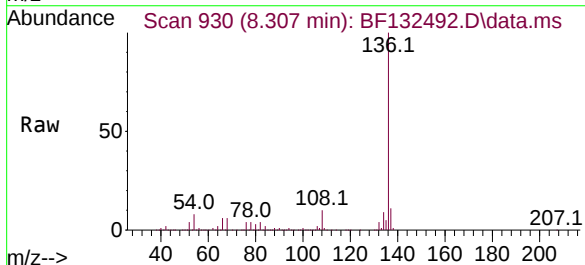
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	37.3	28.7	43.1

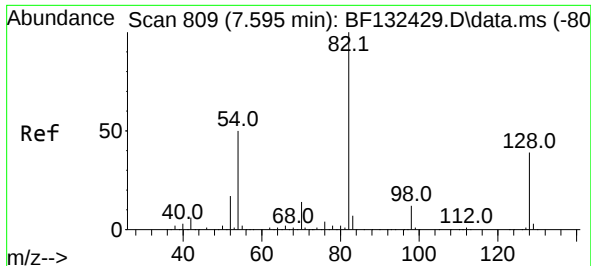


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 930
Delta R.T. -0.006 min
Lab File: BF132492.D
Acq: 21 Feb 2023 12:46

Tgt Ion: 136 Resp: 762863

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	6.9	10.3
68	6.4	5.4	8.0





#23

Nitrobenzene-d5

Concen: 82.568 ng

RT: 7.584 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF132492.D

Acq: 21 Feb 2023 12:46

Instrument :

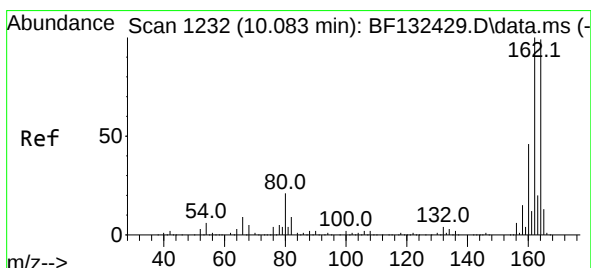
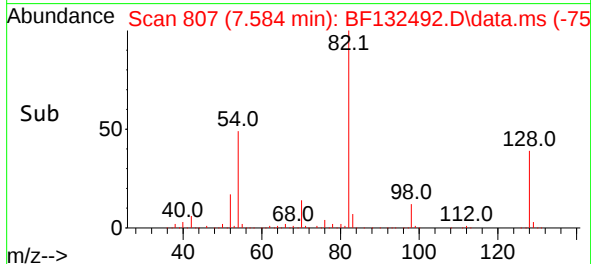
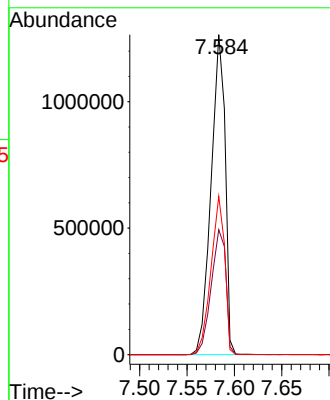
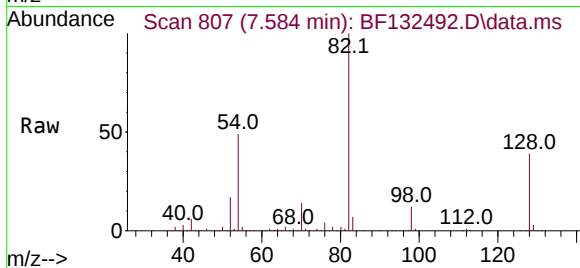
BNA_F

ClientSampleId :

PB150950BL

Tgt Ion: 82 Resp: 1310900

Ion	Ratio	Lower	Upper
82	100		
128	39.0	30.8	46.2
54	49.5	40.2	60.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.066 min Scan# 1229

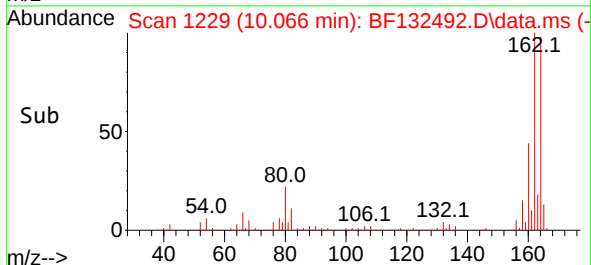
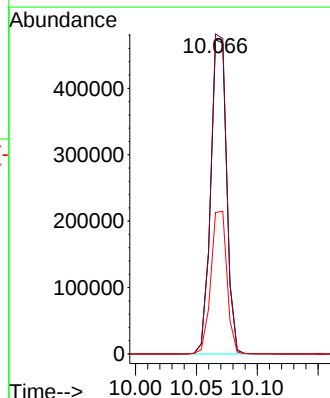
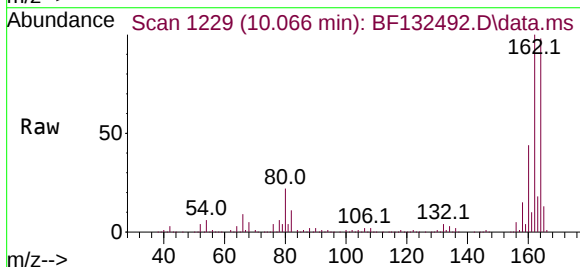
Delta R.T. -0.012 min

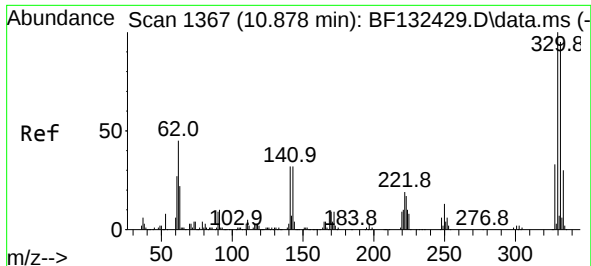
Lab File: BF132492.D

Acq: 21 Feb 2023 12:46

Tgt Ion: 164 Resp: 431180

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.8	121.2
160	45.0	37.2	55.8

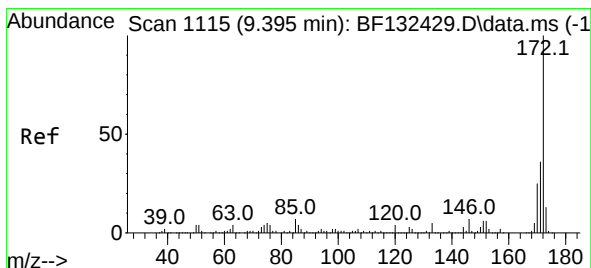
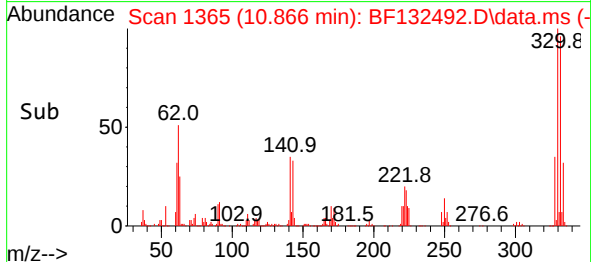
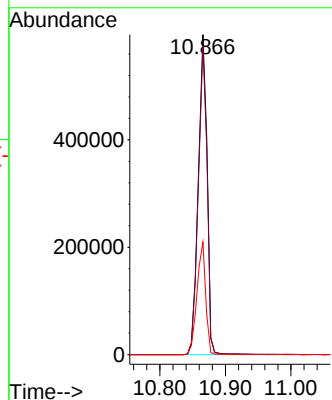
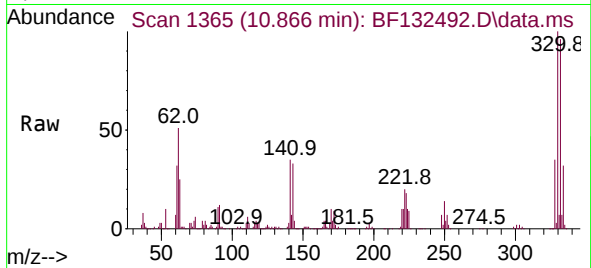




#42
2,4,6-Tribromophenol
Concen: 130.228 ng
RT: 10.866 min Scan# 11365
Delta R.T. -0.006 min
Lab File: BF132492.D
Acq: 21 Feb 2023 12:46

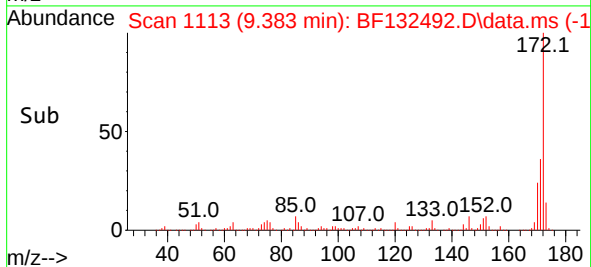
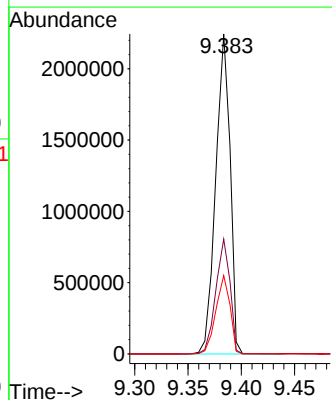
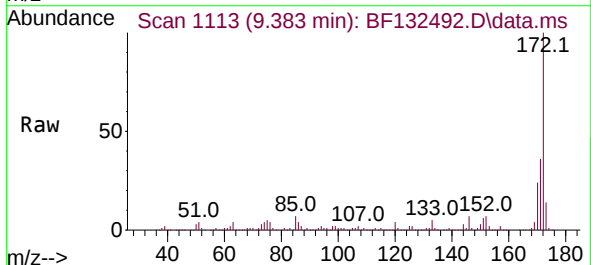
Instrument :
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ClientSampleId :
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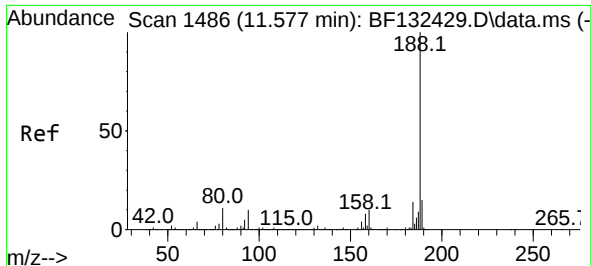
Tgt Ion:330 Resp: 560247
Ion Ratio Lower Upper
330 100
332 96.0 76.3 114.5
141 34.6 30.3 45.5



#45
2-Fluorobiphenyl
Concen: 75.530 ng
RT: 9.383 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF132492.D
Acq: 21 Feb 2023 12:46

Tgt Ion:172 Resp: 2108850
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.5 19.9 29.9

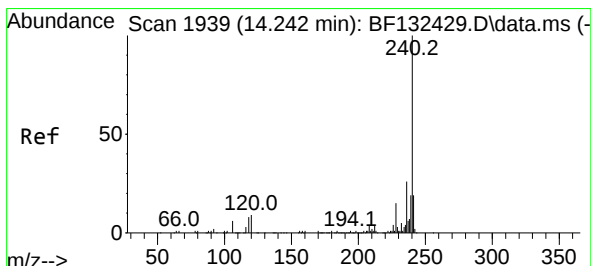
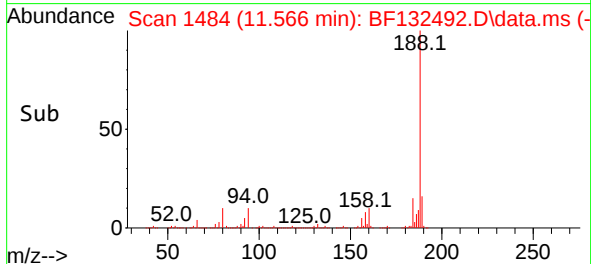
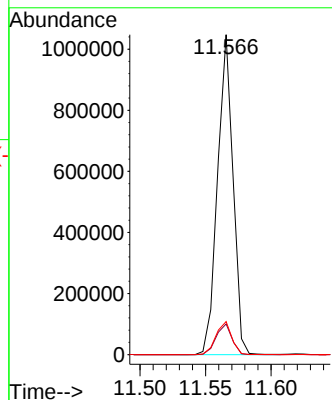
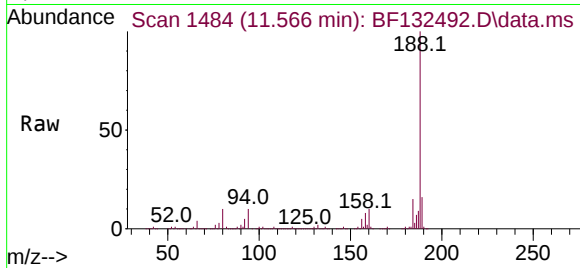




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.566 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132492.D
Acq: 21 Feb 2023 12:46

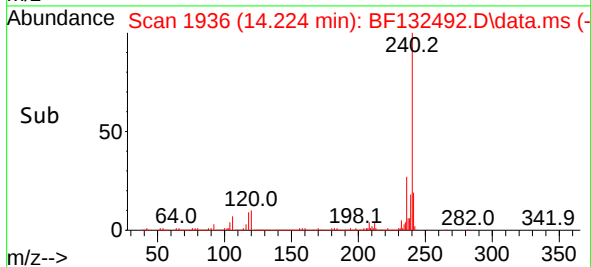
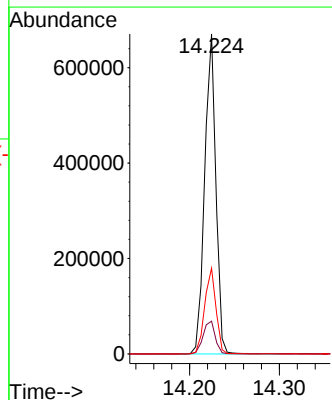
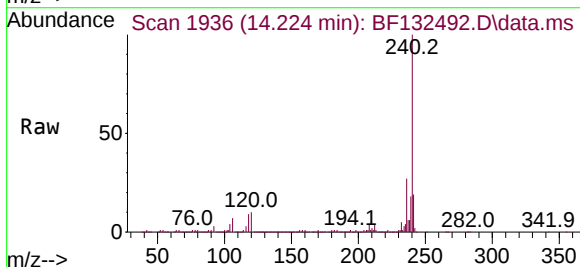
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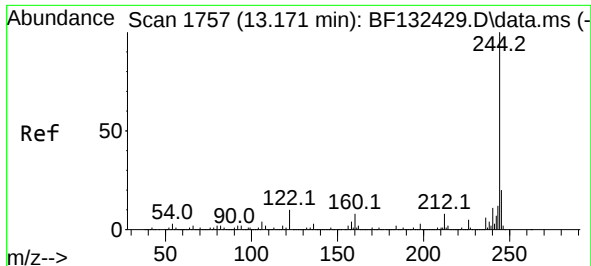
Tgt Ion:188 Resp: 862813
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132492.D
Acq: 21 Feb 2023 12:46

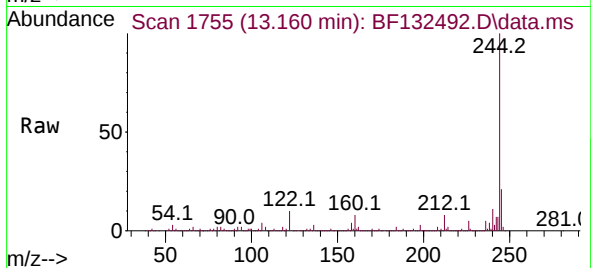
Tgt Ion:240 Resp: 579975
Ion Ratio Lower Upper
240 100
120 10.2 7.5 11.3
236 26.8 21.0 31.6





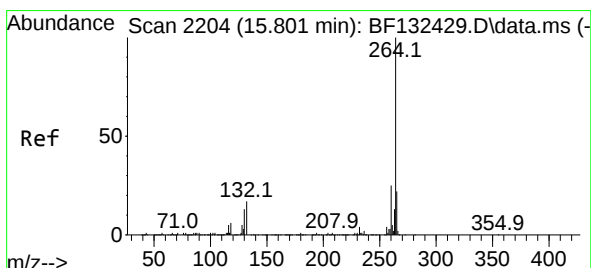
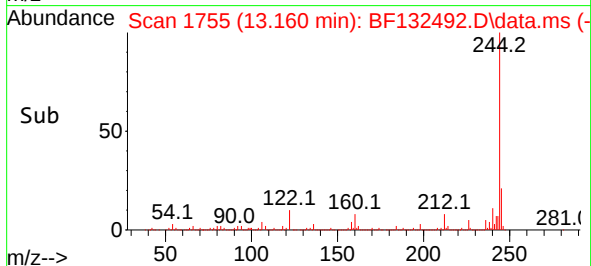
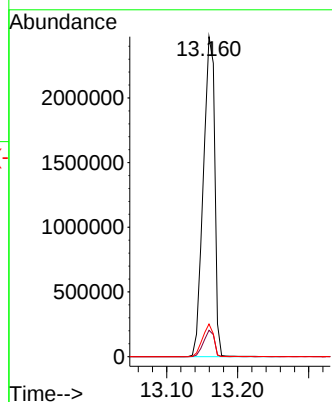
#79
 Terphenyl-d14
 Concen: 85.938 ng
 RT: 13.160 min Scan# 1755
 Delta R.T. 0.000 min
 Lab File: BF132492.D
 Acq: 21 Feb 2023 12:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2736758

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.7	10.1
122	10.2	7.7	11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.783 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: BF132492.D
 Acq: 21 Feb 2023 12:46

Tgt Ion:264 Resp: 444229

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	21.4	17.2	25.8

