

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133435.D
 Acq On : 18 May 2023 11:54
 Operator : CG\JU
 Sample : PB152839TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152839TB

Quant Time: May 18 18:32:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 18:12:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	232765	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	944748	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	490290	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	735685	20.000	ng	0.00
76) Chrysene-d12	13.868	240	458848	20.000	ng	-0.01
86) Perylene-d12	15.292	264	445880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1873912	121.614	ng	0.01
7) Phenol-d6	6.363	99	2297937	120.151	ng	0.00
23) Nitrobenzene-d5	7.281	82	1424782	81.403	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	582849	118.206	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	2452395	83.682	ng	0.00
79) Terphenyl-d14	12.827	244	2397059	90.098	ng	0.00

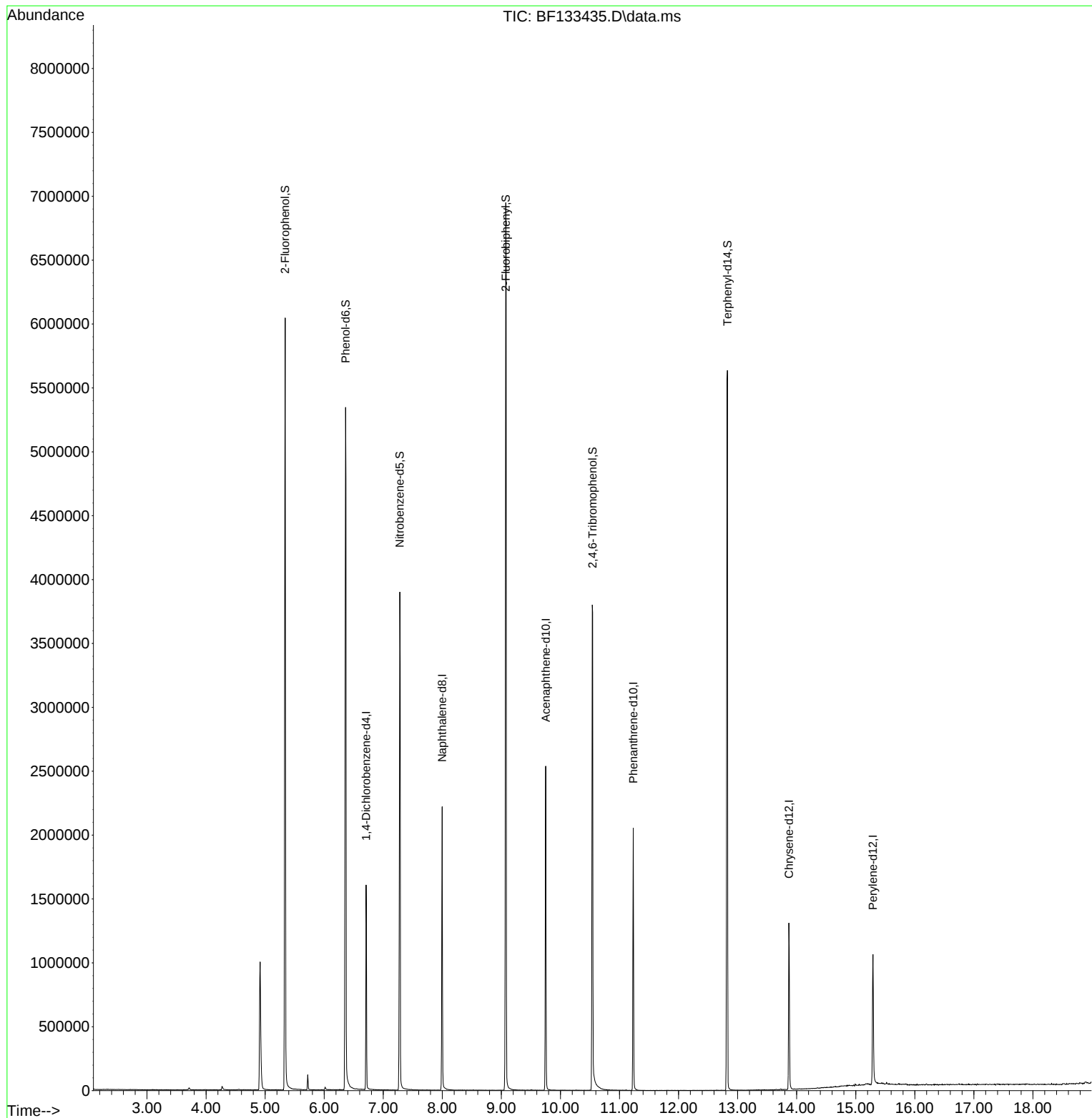
Target Compounds	Qvalue

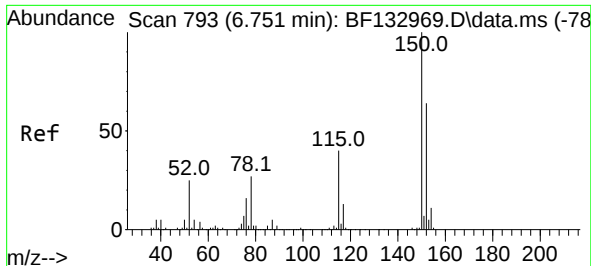
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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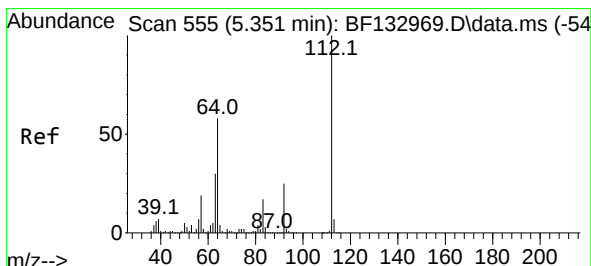
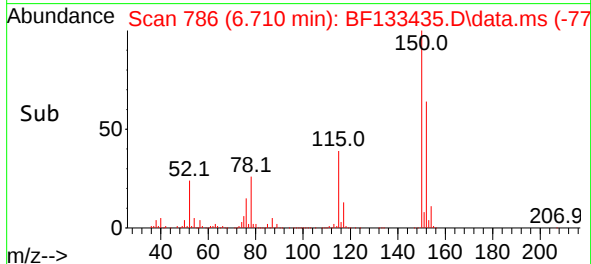
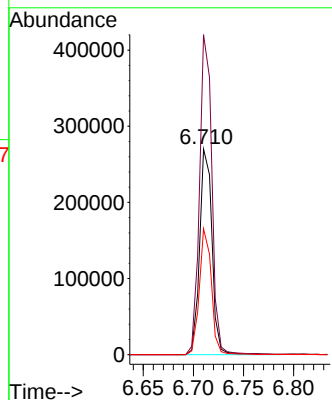
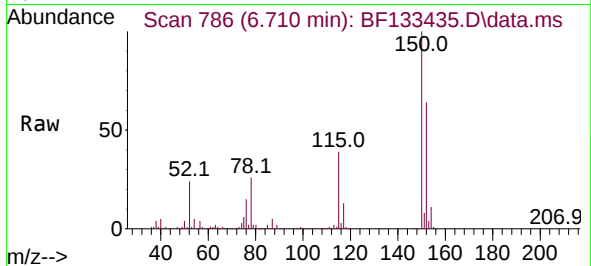




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

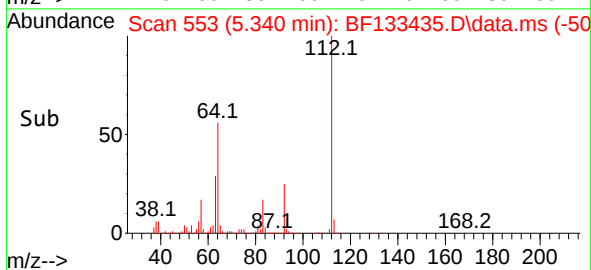
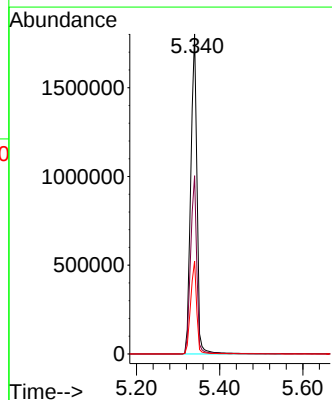
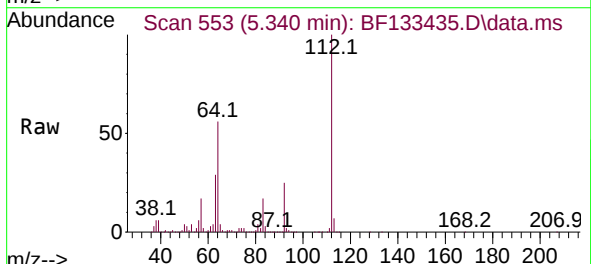
Instrument :
BNA_F
ClientSampleId :
PB152839TB

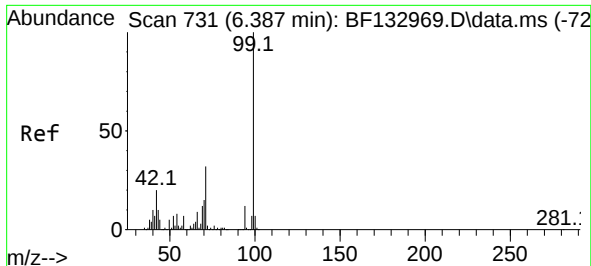
Tgt Ion:152 Resp: 232765
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 61.3 49.9 74.9



#5
2-Fluorophenol
Concen: 121.614 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion:112 Resp: 1873912
Ion Ratio Lower Upper
112 100
64 55.7 46.8 70.2
63 29.1 23.8 35.8



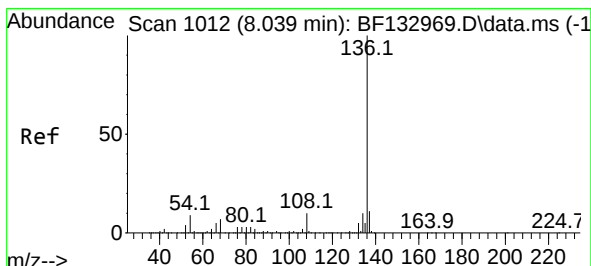
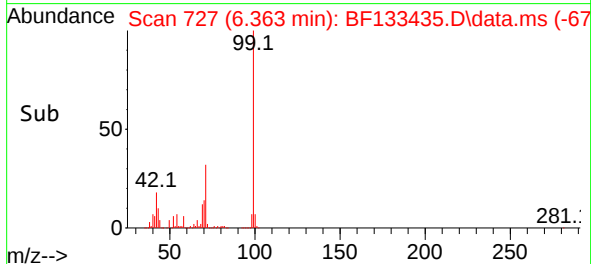
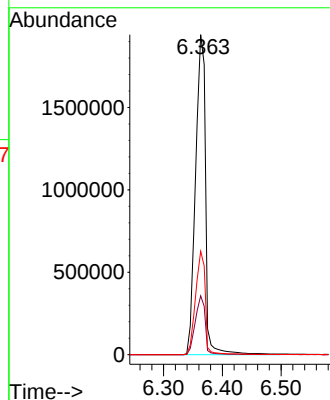
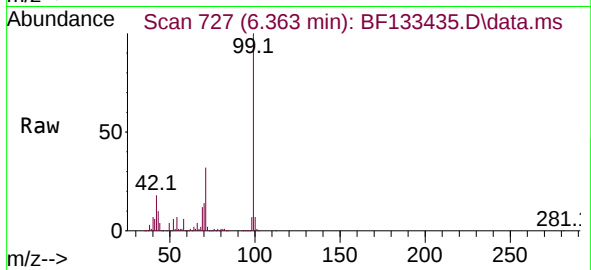


#7
Phenol-d6
Concen: 120.151 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Instrument :
BNA_F
ClientSampleId :
PB152839TB

Tgt Ion: 99 Resp: 2297937

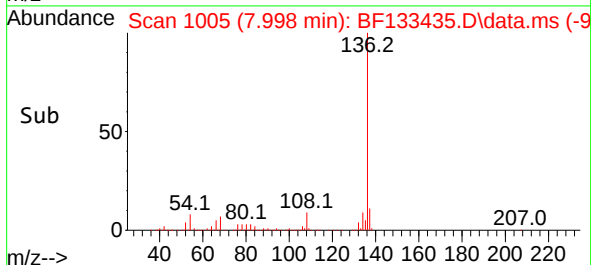
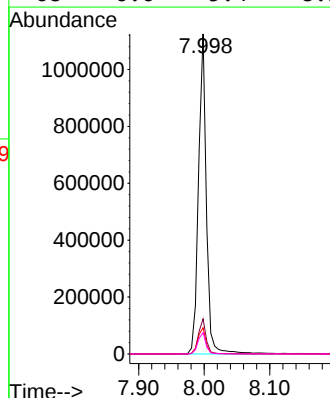
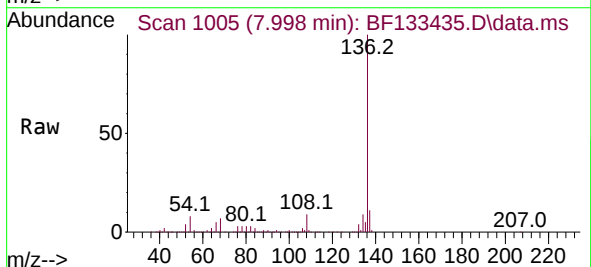
Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.3	24.5
71	32.3	25.6	38.4

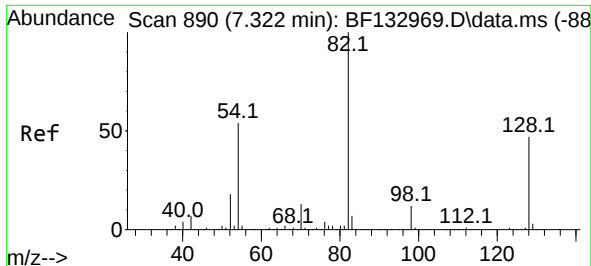


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion: 136 Resp: 944748

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.2	7.0	10.4
68	6.6	5.4	8.2





#23

Nitrobenzene-d5

Concen: 81.403 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133435.D

Acq: 18 May 2023 11:54

Instrument :

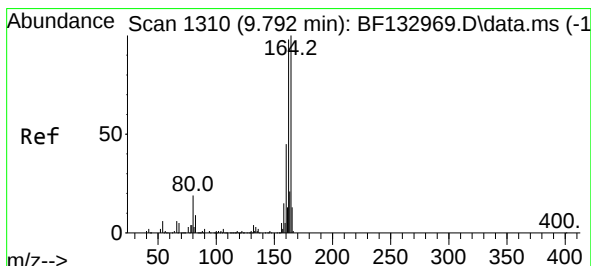
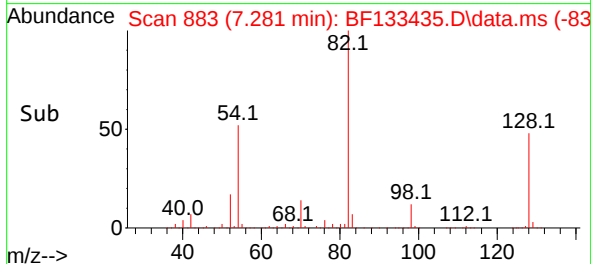
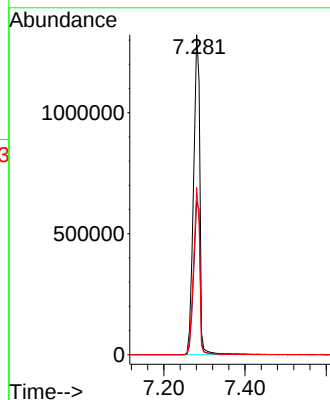
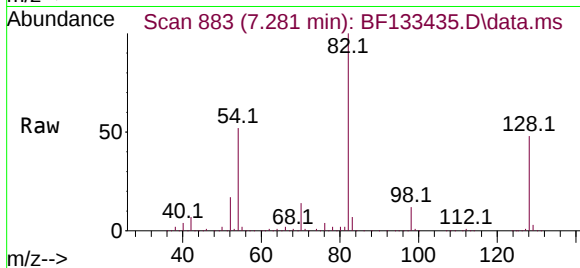
BNA_F

ClientSampleId :

PB152839TB

Tgt Ion: 82 Resp: 1424782

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.7	56.5
54	52.2	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

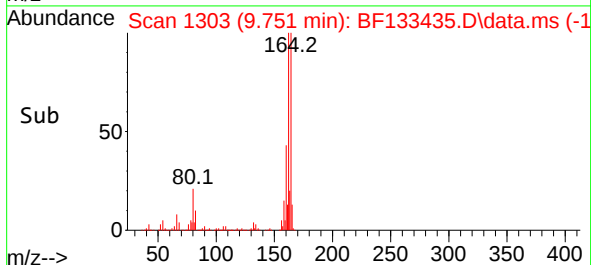
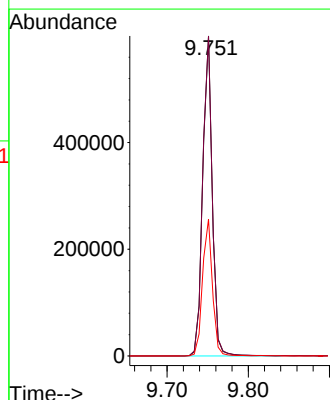
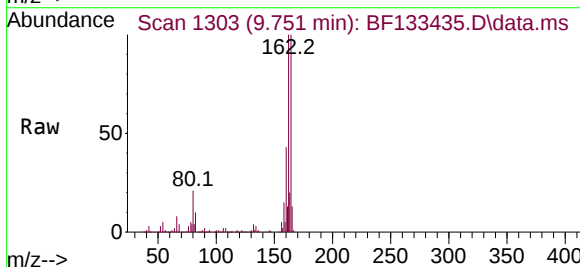
Delta R.T. -0.006 min

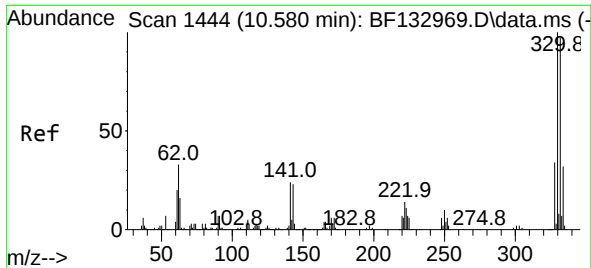
Lab File: BF133435.D

Acq: 18 May 2023 11:54

Tgt Ion:164 Resp: 490290

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.7	118.1
160	42.7	35.8	53.6

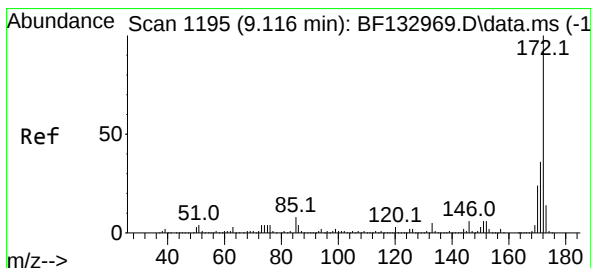
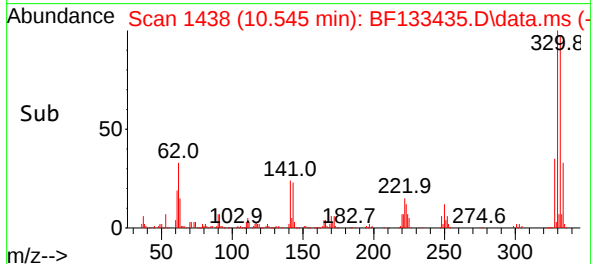
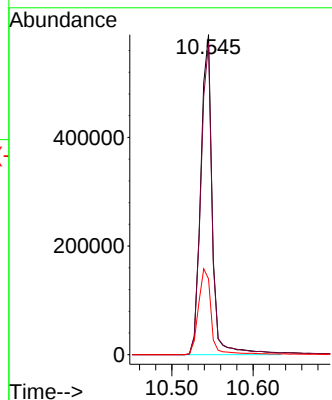
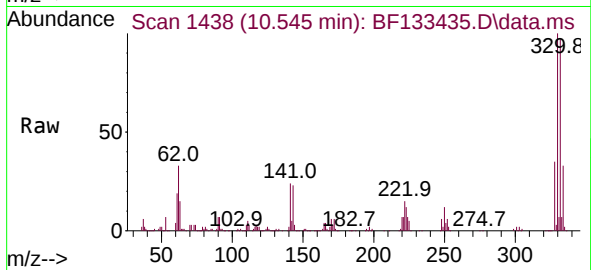




#42
2,4,6-Tribromophenol
Concen: 118.206 ng
RT: 10.545 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

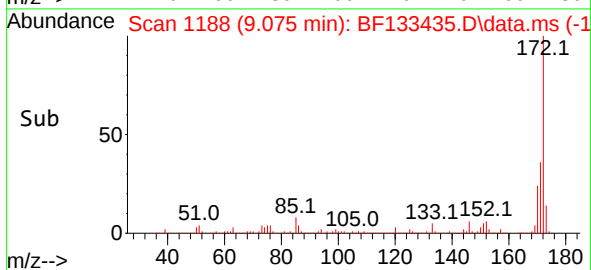
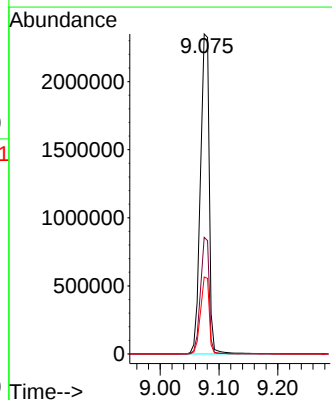
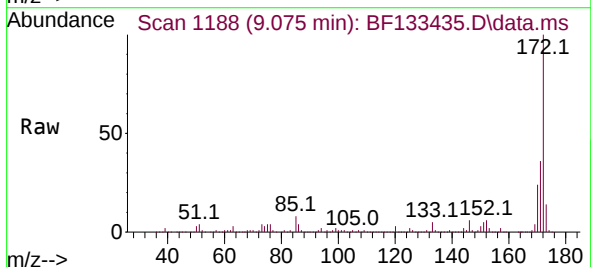
Instrument :
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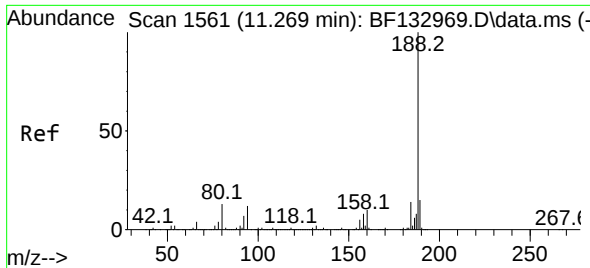
Tgt Ion:330 Resp: 582849
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 30.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 83.682 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion:172 Resp: 2452395
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.1 19.4 29.2

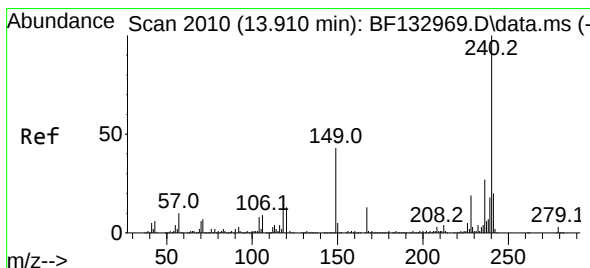
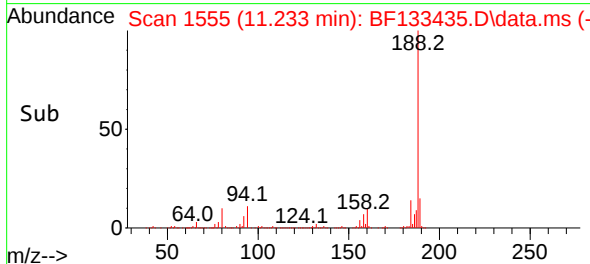
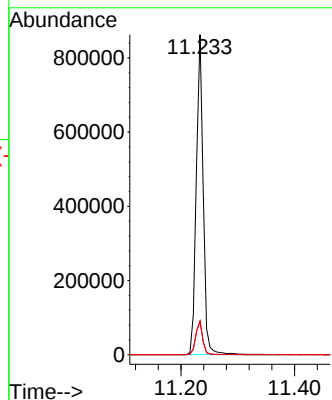
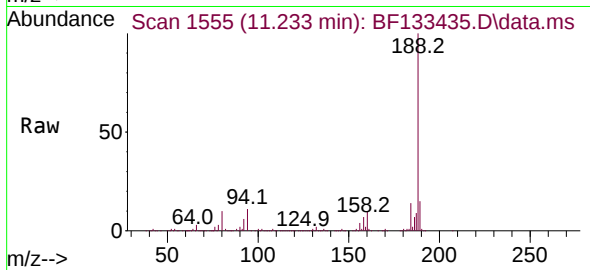




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

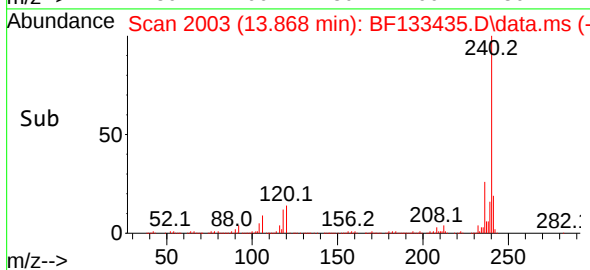
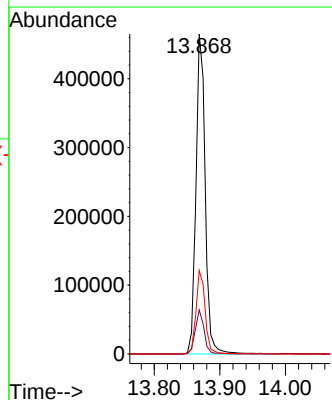
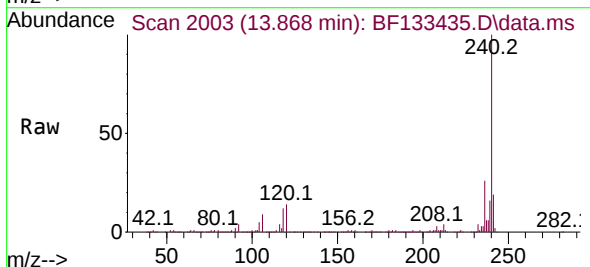
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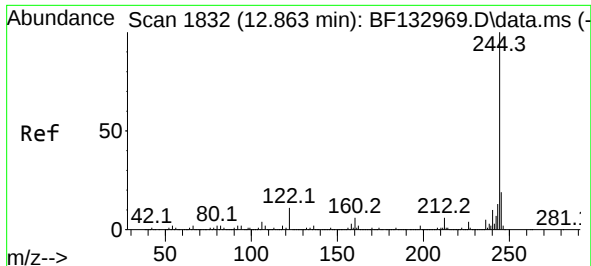
Tgt Ion:188 Resp: 735685
Ion Ratio Lower Upper
188 100
94 10.5 9.7 14.5
80 10.4 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133435.D
Acq: 18 May 2023 11:54

Tgt Ion:240 Resp: 458848
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.1 21.5 32.3

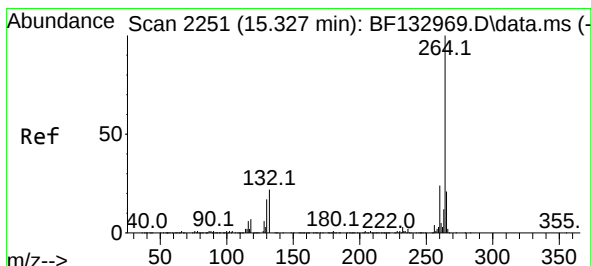
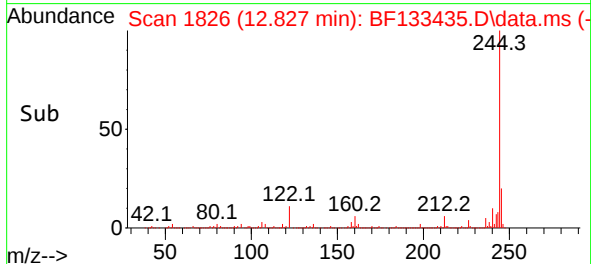
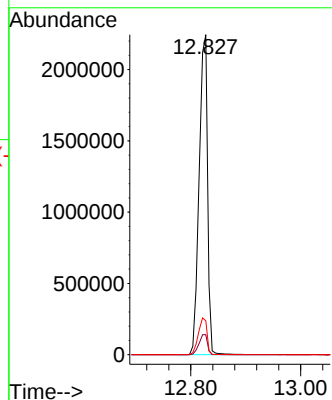
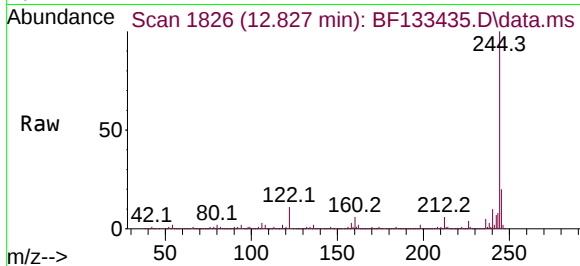




#79
 Terphenyl-d14
 Concen: 90.098 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133435.D
 Acq: 18 May 2023 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB152839TB

Tgt Ion:244 Resp: 2397059
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 10.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF133435.D
 Acq: 18 May 2023 11:54

Tgt Ion:264 Resp: 445880
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.3 17.0 25.4

