

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130089.D
 Acq On : 01 Sep 2022 21:24
 Operator : CG\JU
 Sample : N4389-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265393-4

Quant Time: Sep 02 04:04:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	222748	20.000	ng	0.00
21) Naphthalene-d8	7.980	136	867678	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	454073	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	725166	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	464012	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	407196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1032762	78.711	ng	0.00
7) Phenol-d6	6.328	99	902815	55.191	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1427866	105.757	ng	-0.01
42) 2,4,6-Tribromophenol	10.521	330	574095	138.894	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2552349	93.194	ng	0.00
79) Terphenyl-d14	12.804	244	2390408	89.335	ng	0.00

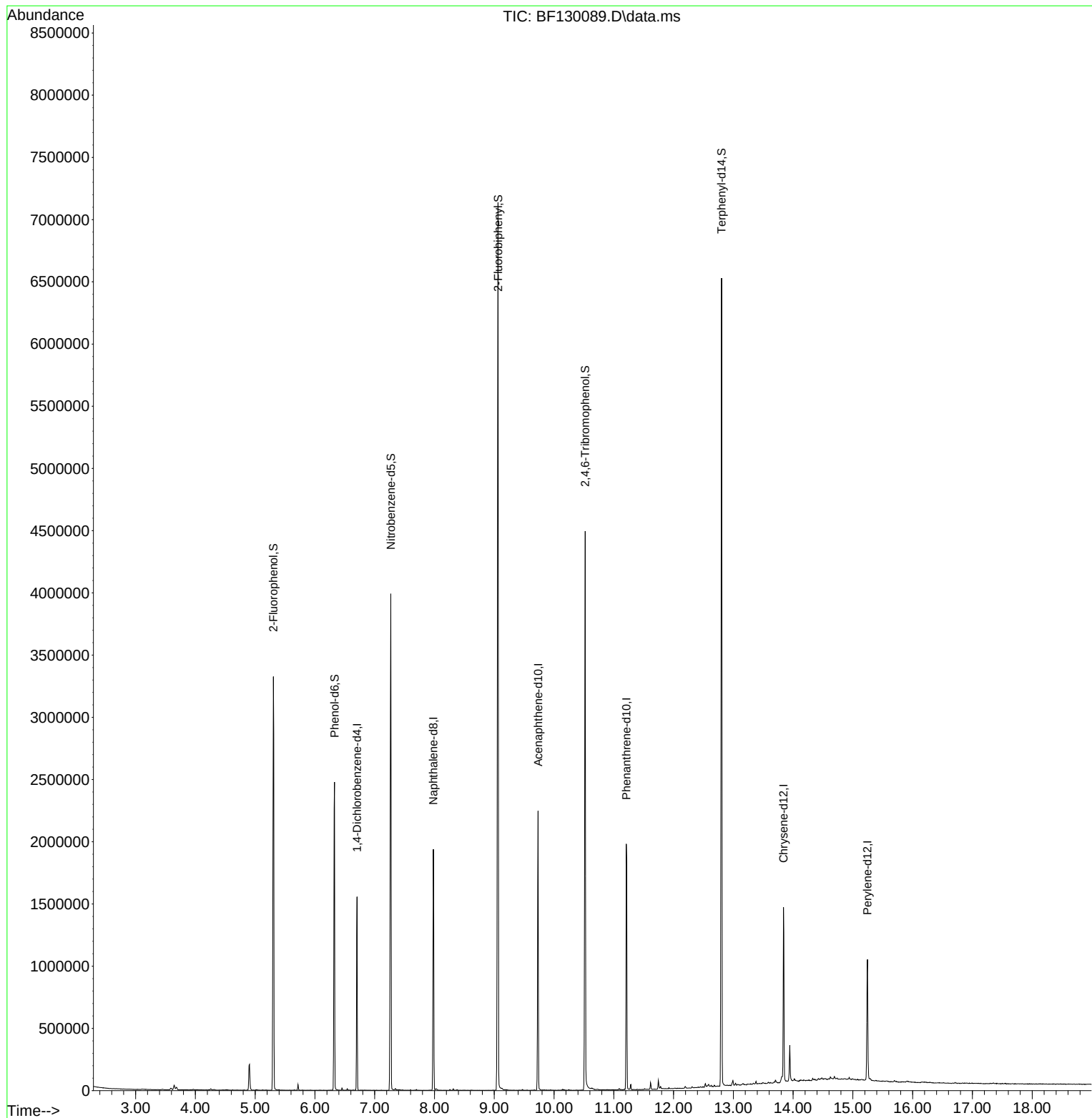
Target Compounds Qvalue

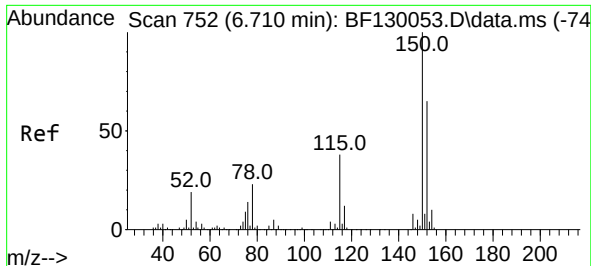
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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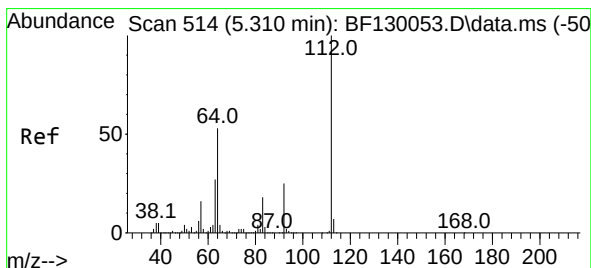
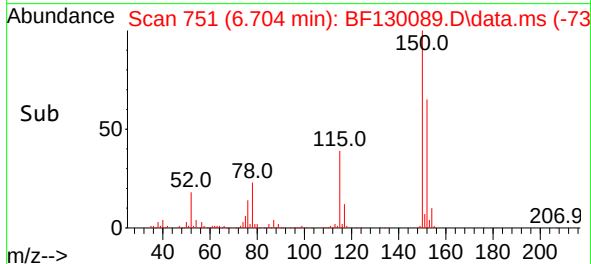
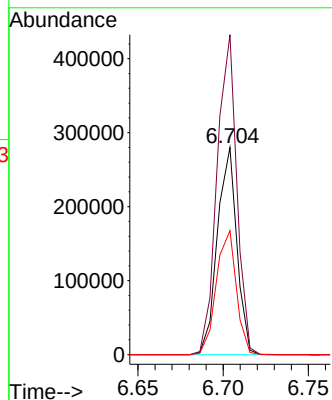
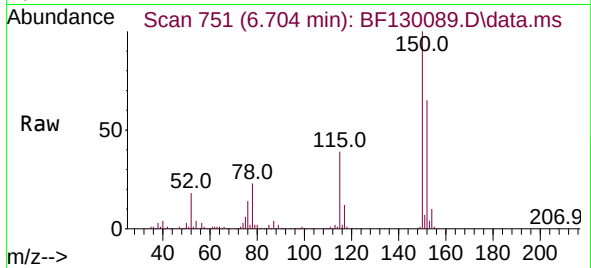




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130089.D
 Acq: 01 Sep 2022 21:24

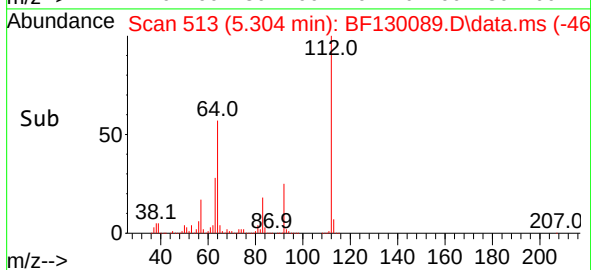
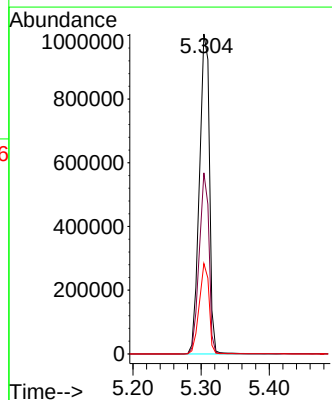
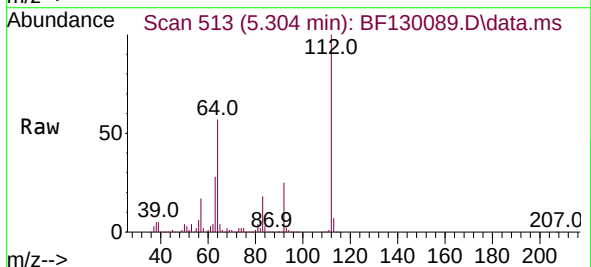
Instrument :
 BNA_F
 ClientSampleId :
 265393-4

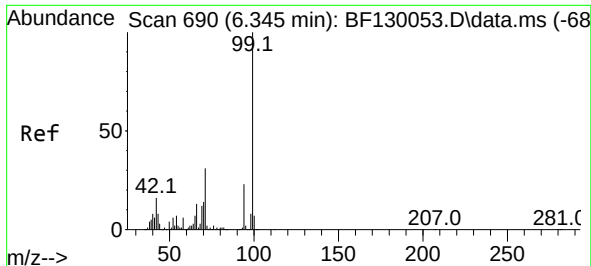
Tgt Ion:152 Resp: 222748
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.9 190.3
 115 59.8 53.4 80.0



#5
 2-Fluorophenol
 Concen: 78.711 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130089.D
 Acq: 01 Sep 2022 21:24

Tgt Ion:112 Resp: 1032762
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.6 71.4
 63 28.2 24.6 37.0

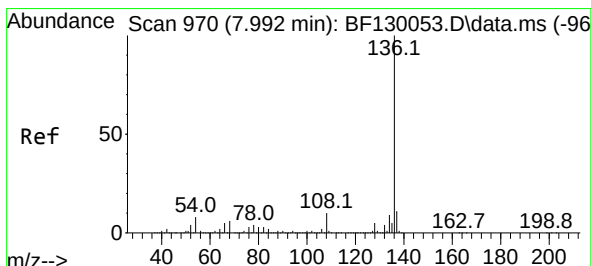
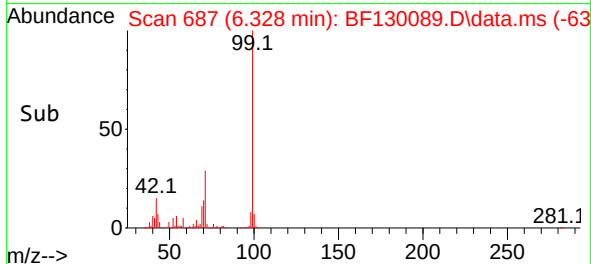
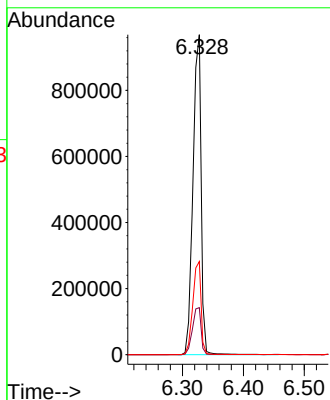
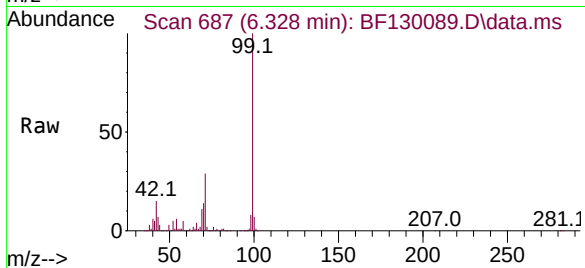




#7
Phenol-d6
Concen: 55.191 ng
RT: 6.328 min Scan# 681
Delta R.T. -0.018 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

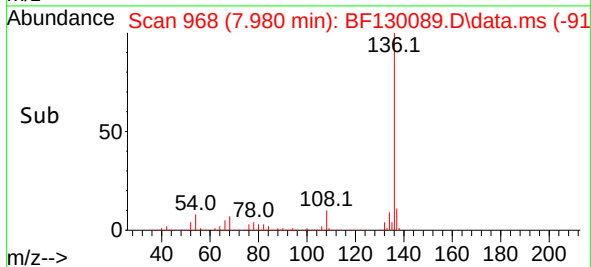
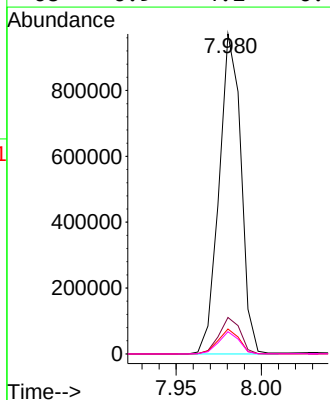
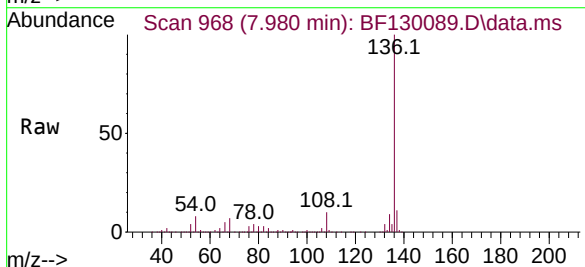
Instrument :
BNA_F
ClientSampleId :
265393-4

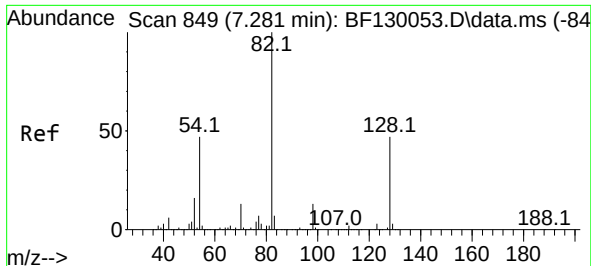
Tgt Ion: 99 Resp: 902815
Ion Ratio Lower Upper
99 100
42 14.7 15.0 22.4#
71 29.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.980 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion: 136 Resp: 867678
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.8 6.2 9.2
68 6.9 4.2 6.4#





#23

Nitrobenzene-d5

Concen: 105.757 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130089.D

Acq: 01 Sep 2022 21:24

Instrument :

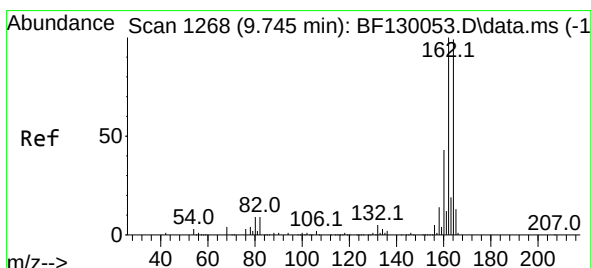
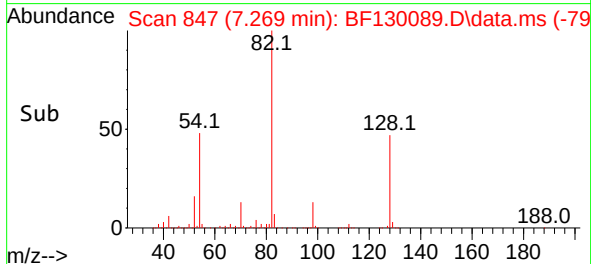
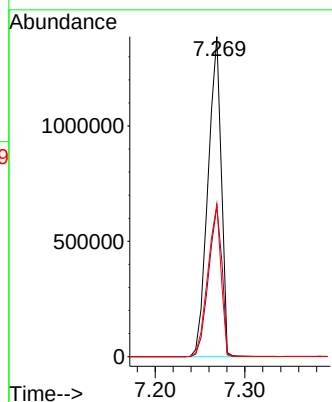
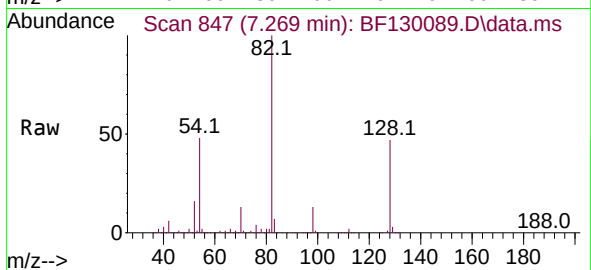
BNA_F

ClientSampleId :

265393-4

Tgt Ion: 82 Resp: 1427866

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.7	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

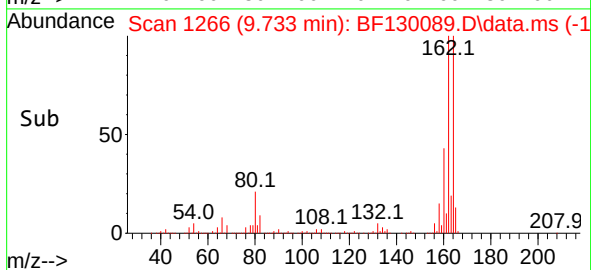
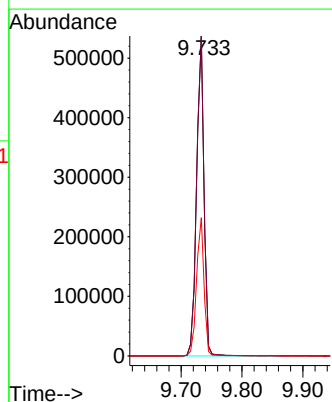
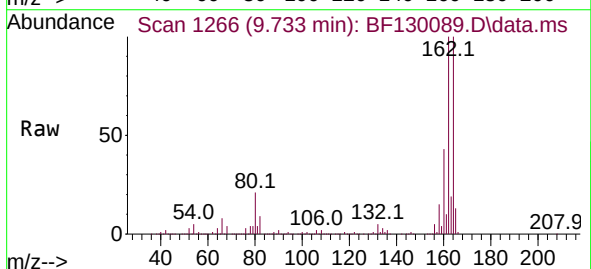
Delta R.T. -0.012 min

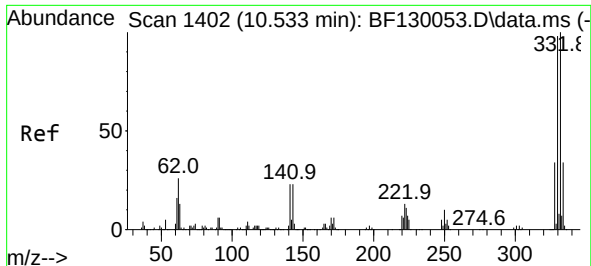
Lab File: BF130089.D

Acq: 01 Sep 2022 21:24

Tgt Ion: 164 Resp: 454073

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.0	123.0
160	43.2	35.4	53.0

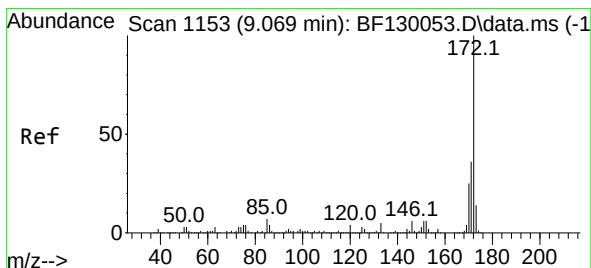
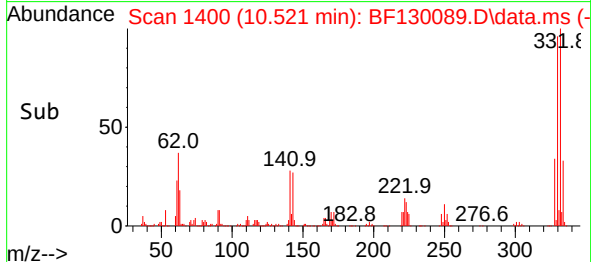
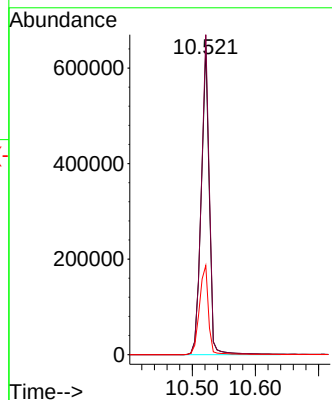
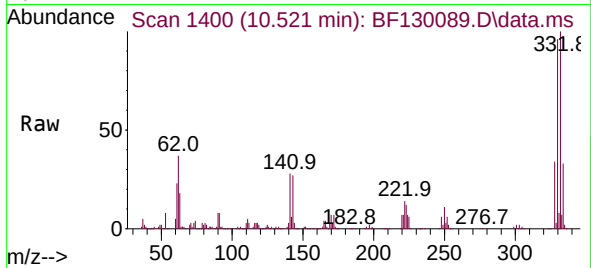




#42
2,4,6-Tribromophenol
Concen: 138.894 ng
RT: 10.521 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

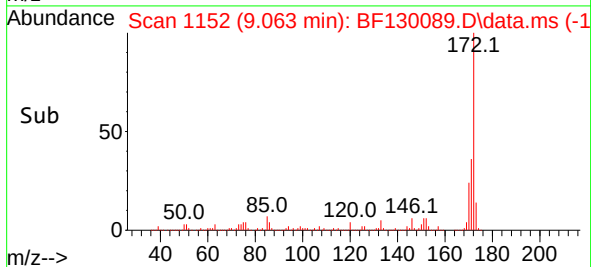
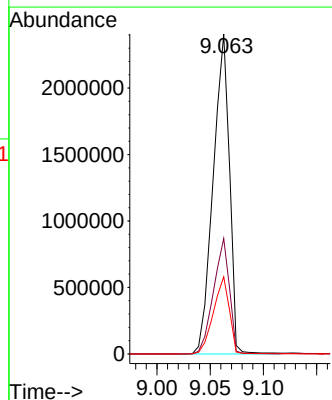
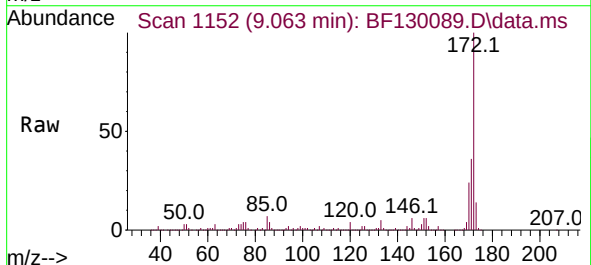
Instrument :
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ClientSampleId :
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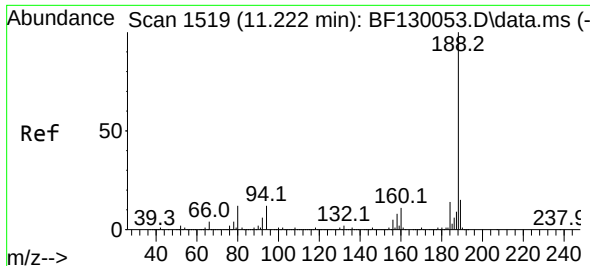
Tgt Ion: 330 Resp: 574095
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 32.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 93.194 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion: 172 Resp: 2552349
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 24.1 19.1 28.7

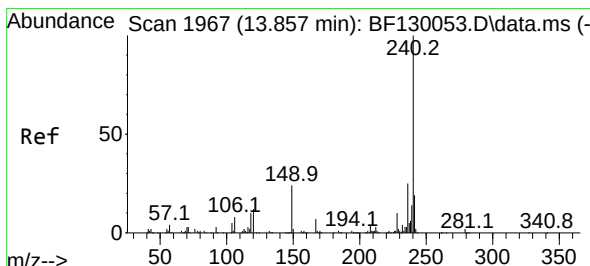
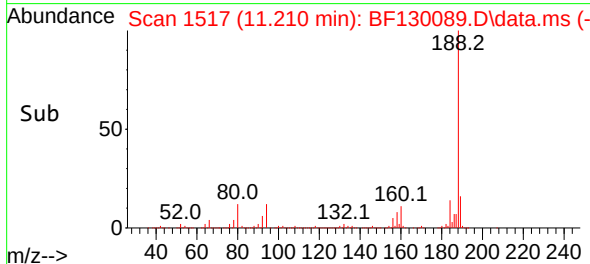
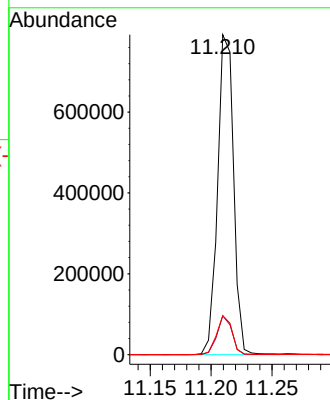
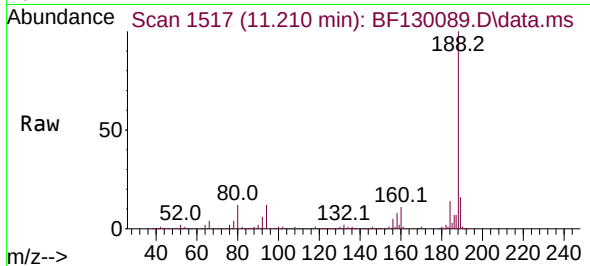




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

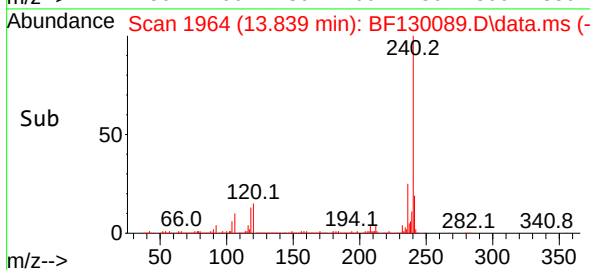
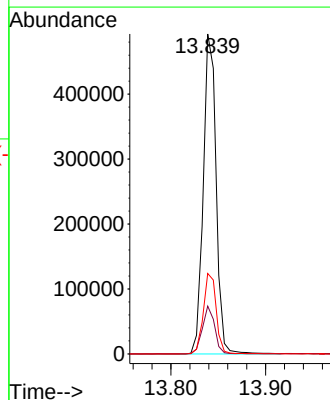
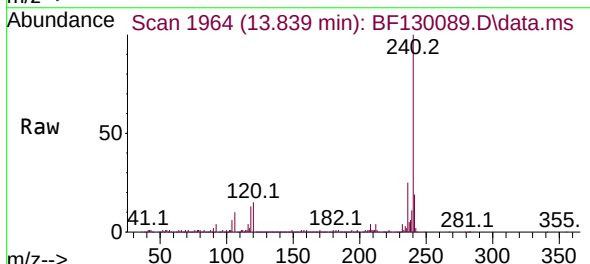
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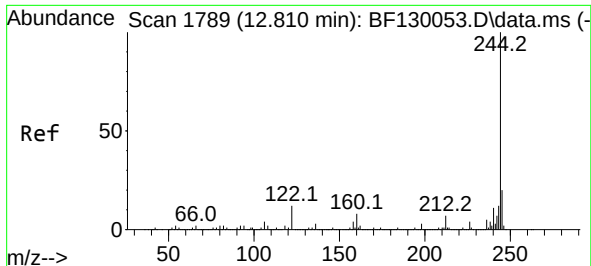
Tgt Ion:188 Resp: 725166
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.2 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130089.D
Acq: 01 Sep 2022 21:24

Tgt Ion:240 Resp: 464012
Ion Ratio Lower Upper
240 100
120 14.9 9.2 13.8#
236 25.1 20.7 31.1

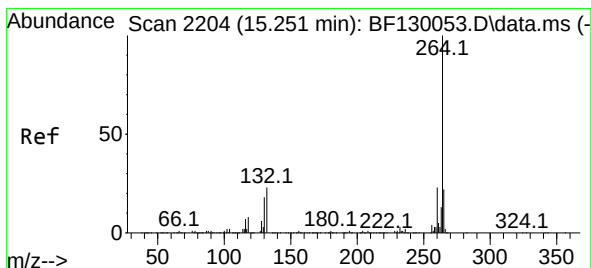
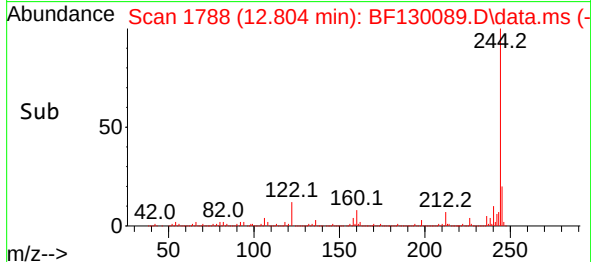
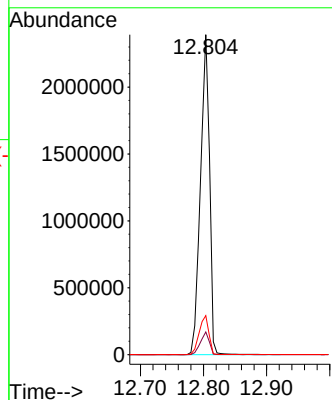
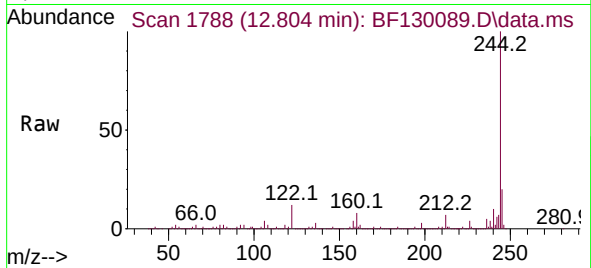




#79
 Terphenyl-d14
 Concen: 89.335 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130089.D
 Acq: 01 Sep 2022 21:24

Instrument :
 BNA_F
 ClientSampleId :
 265393-4

Tgt Ion:244 Resp: 2390408
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130089.D
 Acq: 01 Sep 2022 21:24

Tgt Ion:264 Resp: 407196
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.0 16.7 25.1

