

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132574.D
 Acq On : 28 Feb 2023 16:16
 Operator : CG\JU
 Sample : 01723-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-2

Quant Time: Feb 28 16:39:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	253040	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	923844	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	502019	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	994829	20.000	ng	0.00
76) Chrysene-d12	14.198	240	699104	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	517159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1036437	66.476	ng	0.00
7) Phenol-d6	6.628	99	1493516	73.399	ng	0.00
23) Nitrobenzene-d5	7.563	82	982682	50.466	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	302734	55.839	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1692833	51.345	ng	0.00
79) Terphenyl-d14	13.139	244	2178392	52.683	ng	0.00

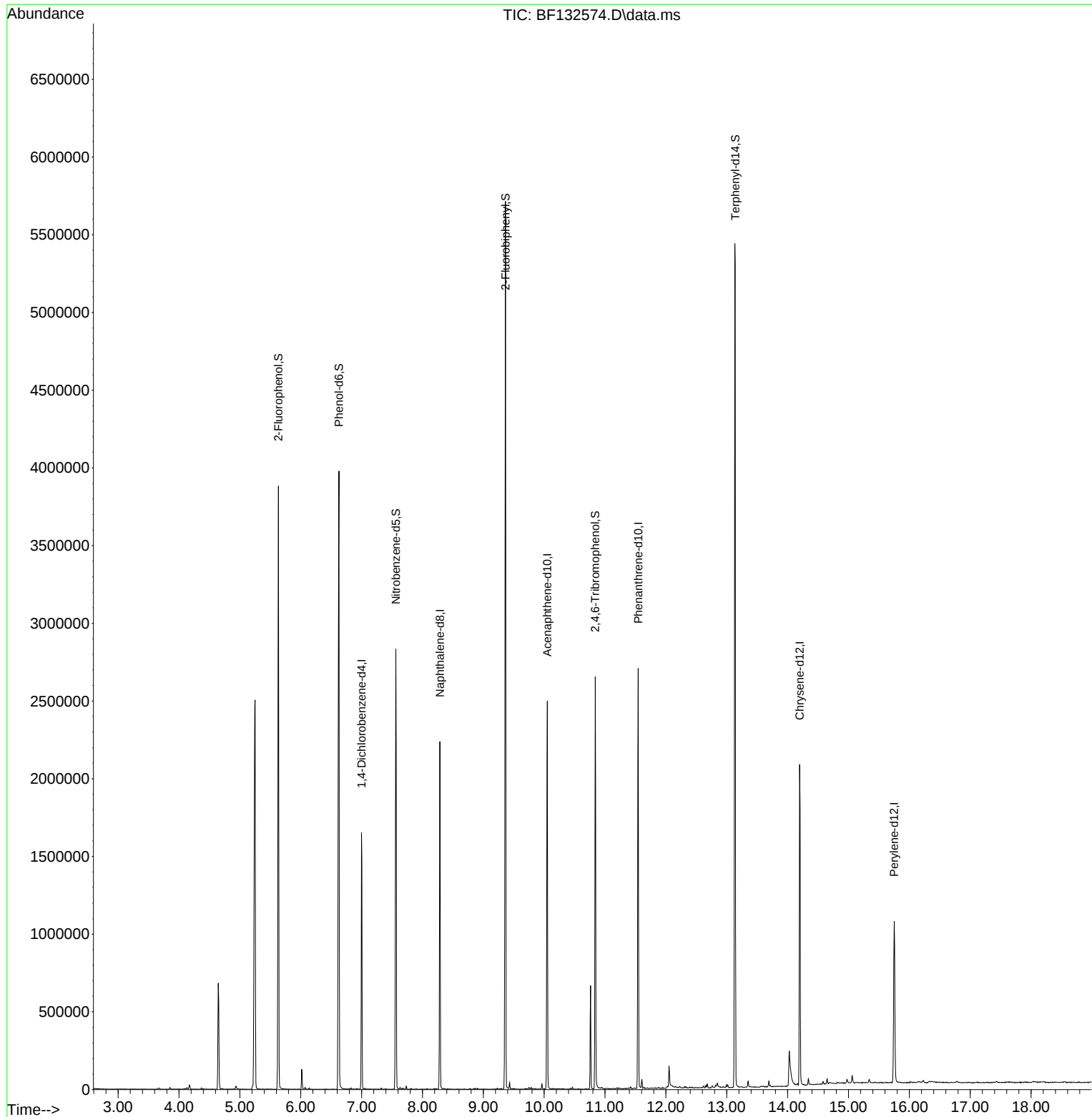
Target Compounds Qvalue

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

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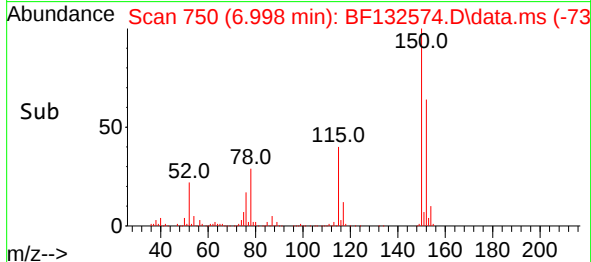
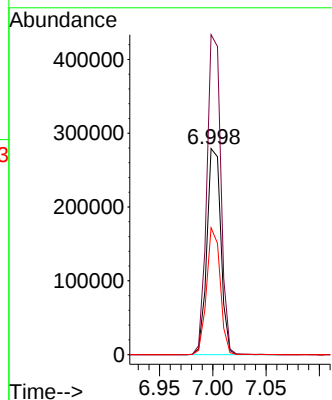
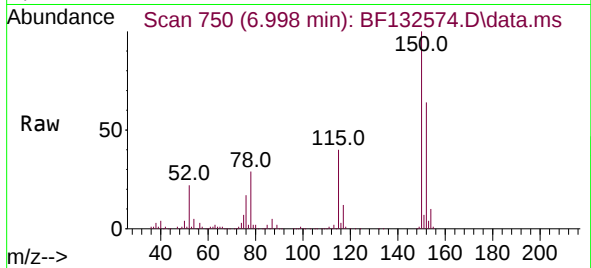




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

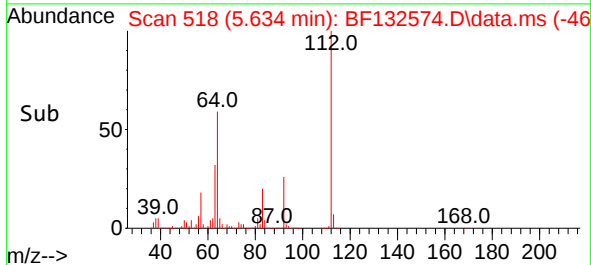
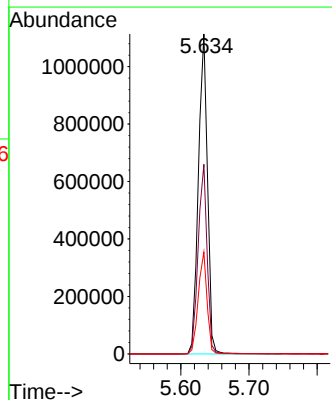
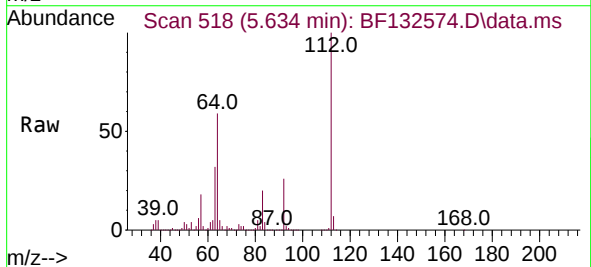
Instrument :
BNA_F
ClientSampleId :
HH-CON-2

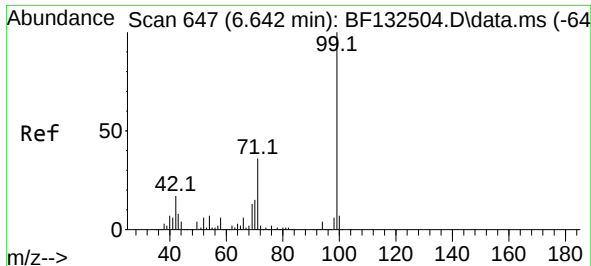
Tgt Ion:152 Resp: 253040
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 61.6 47.8 71.6



#5
2-Fluorophenol
Concen: 66.476 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

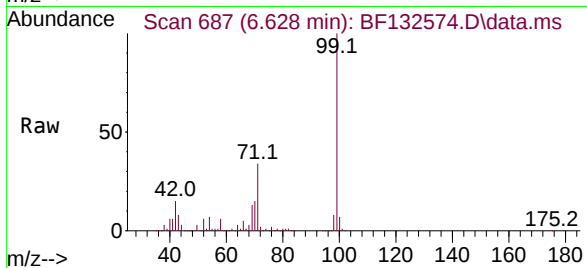
Tgt Ion:112 Resp: 1036437
Ion Ratio Lower Upper
112 100
64 59.2 51.6 77.4
63 31.8 27.4 41.2





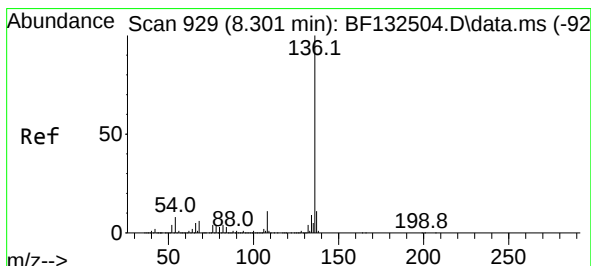
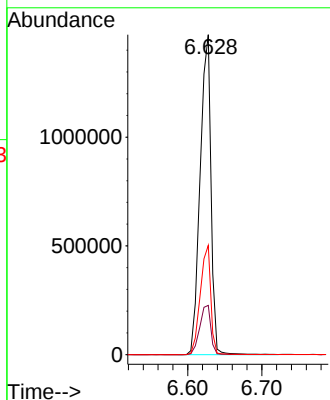
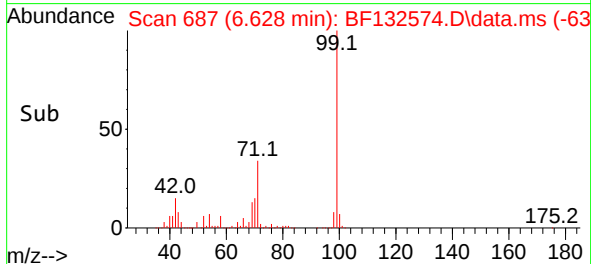
#7
Phenol-d6
Concen: 73.399 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Instrument :
BNA_F
ClientSampleId :
HH-CON-2

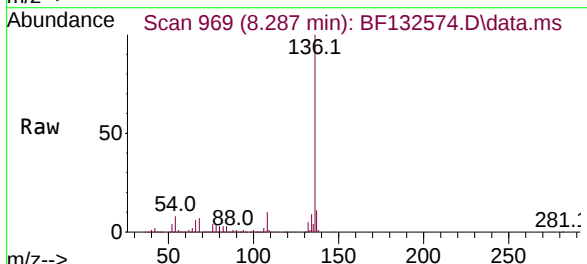


Tgt Ion: 99 Resp: 1493516

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.9	20.9
71	34.1	28.5	42.7

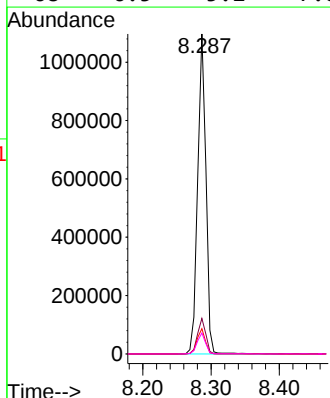
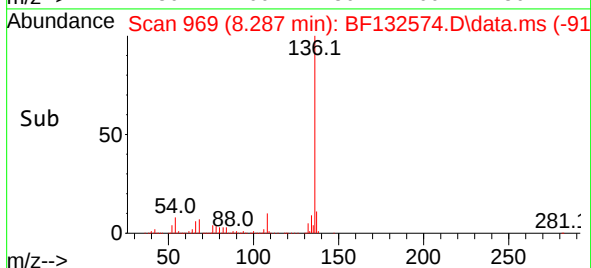


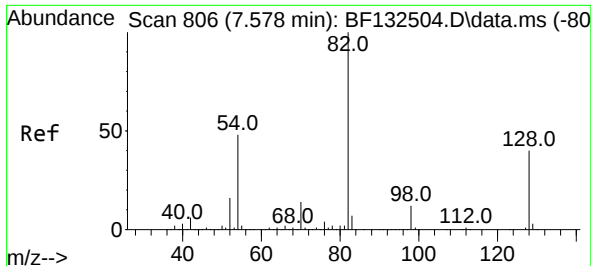
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16



Tgt Ion: 136 Resp: 923844

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	6.2	9.4
68	6.5	5.2	7.8

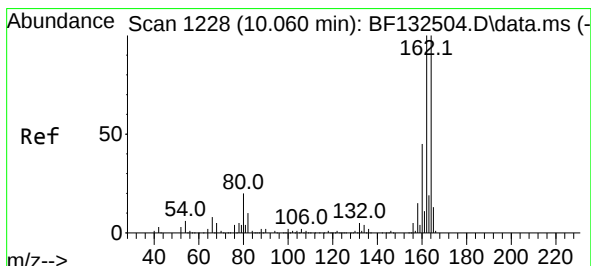
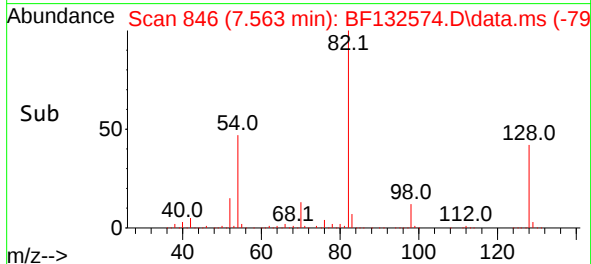
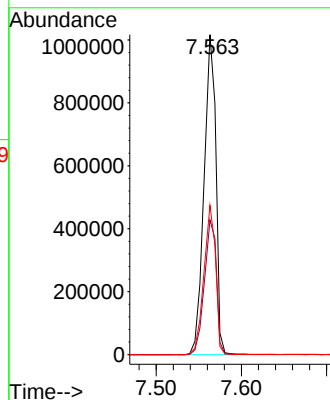
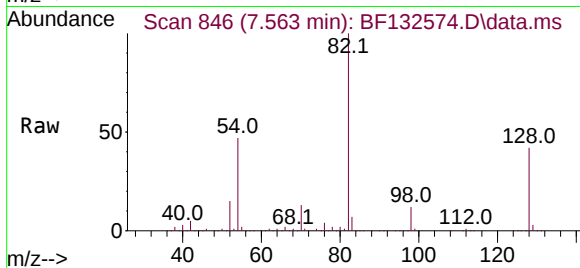




#23
Nitrobenzene-d5
Concen: 50.466 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

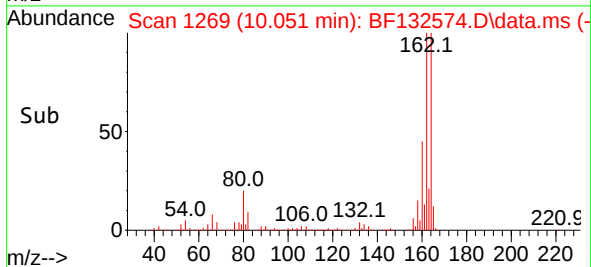
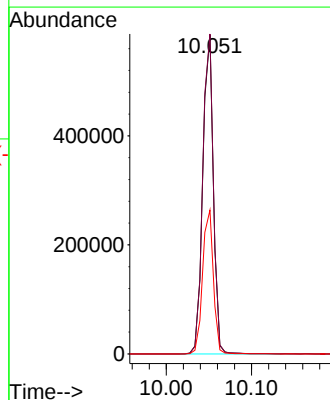
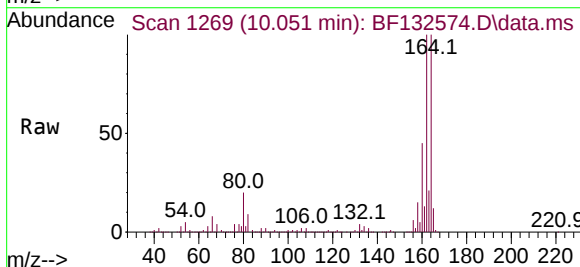
Instrument :
BNA_F
ClientSampleId :
HH-CON-2

Tgt Ion: 82 Resp: 982682
Ion Ratio Lower Upper
82 100
128 42.1 32.2 48.2
54 46.6 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Tgt Ion:164 Resp: 502019
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 55.839 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132574.D

Acq: 28 Feb 2023 16:16

Instrument :

BNA_F

ClientSampleId :

HH-CON-2

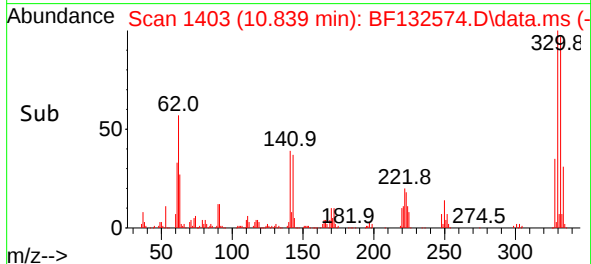
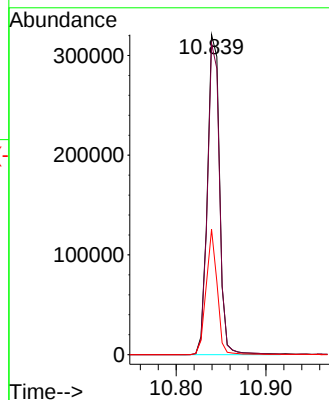
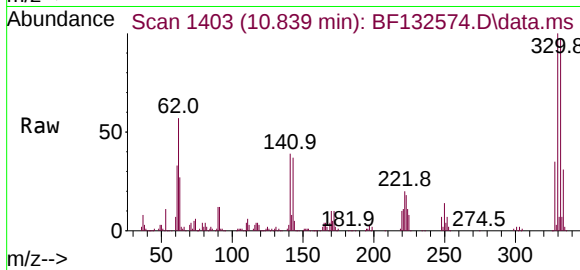
Tgt Ion:330 Resp: 302734

Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 35.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 51.345 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132574.D

Acq: 28 Feb 2023 16:16

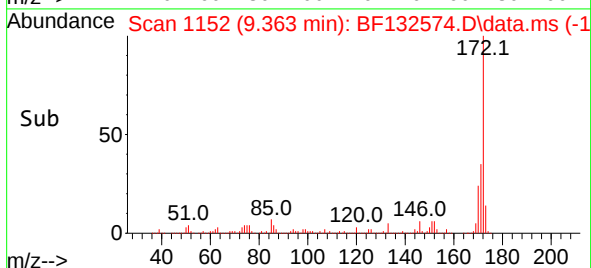
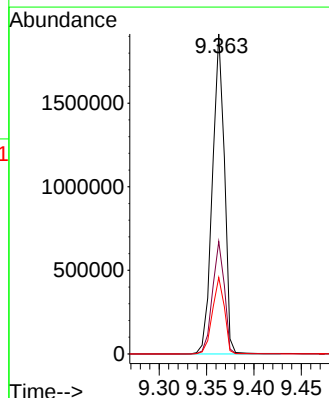
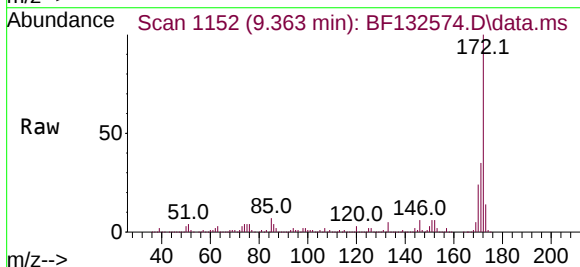
Tgt Ion:172 Resp: 1692833

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.9 19.7 29.5

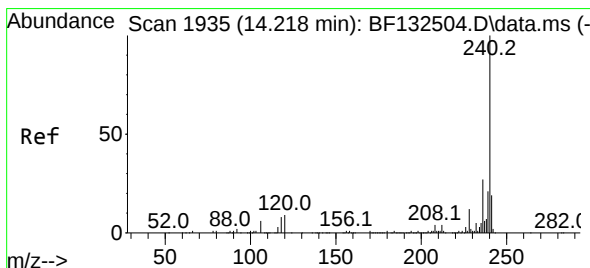
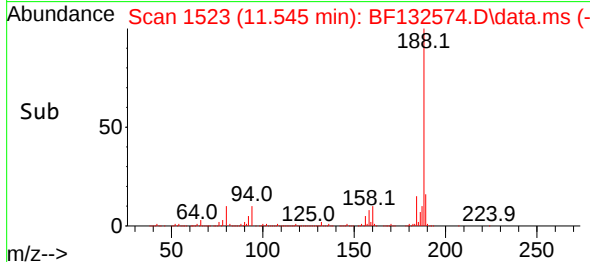
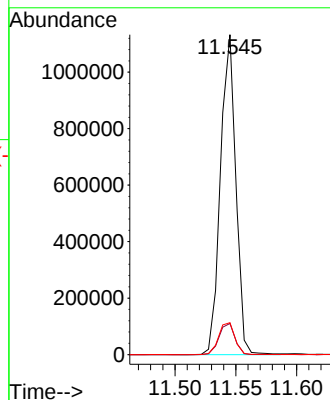
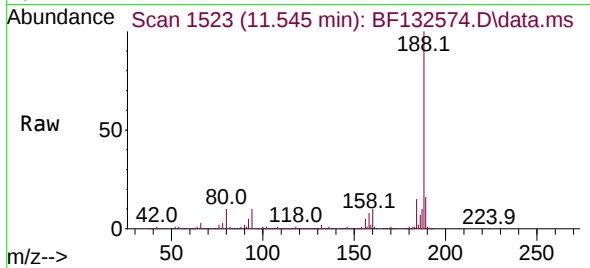




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

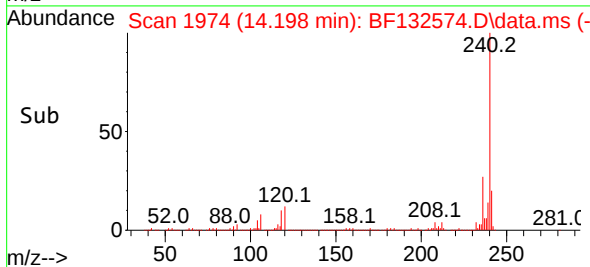
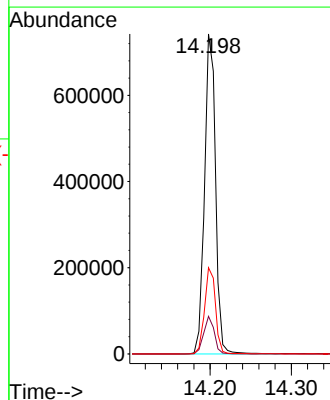
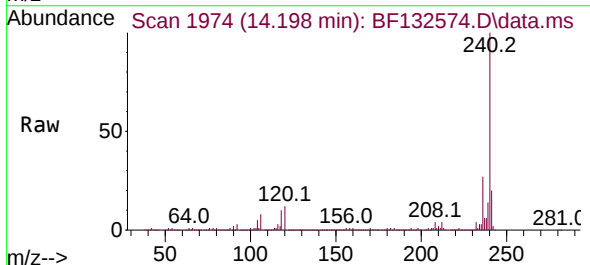
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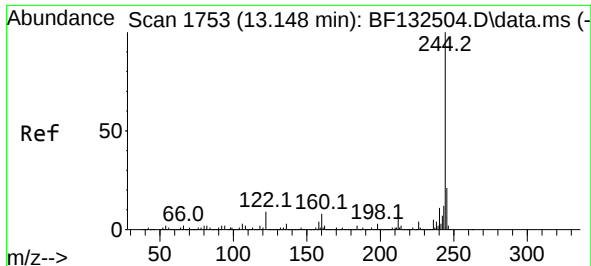
Tgt Ion:188 Resp: 994829
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132574.D
Acq: 28 Feb 2023 16:16

Tgt Ion:240 Resp: 699104
Ion Ratio Lower Upper
240 100
120 11.7 7.2 10.8#
236 26.9 21.8 32.6

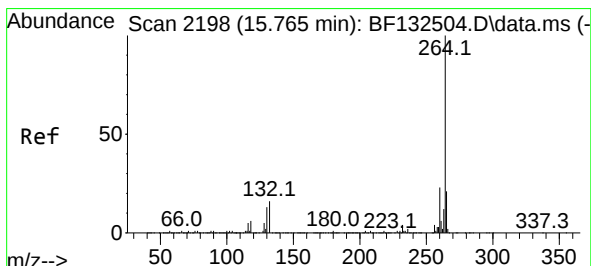
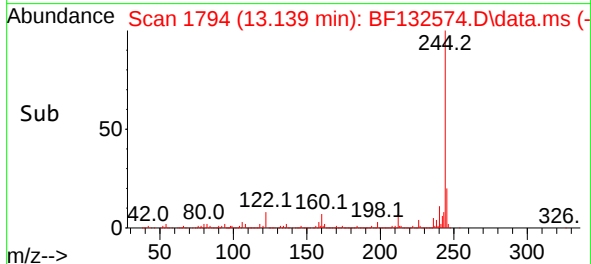
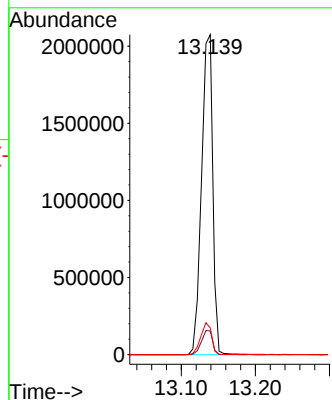
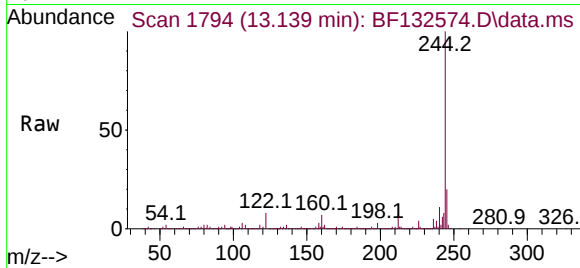




#79
 Terphenyl-d14
 Concen: 52.683 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132574.D
 Acq: 28 Feb 2023 16:16

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-2

Tgt Ion:244 Resp: 2178392
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 8.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132574.D
 Acq: 28 Feb 2023 16:16

Tgt Ion:264 Resp: 517159
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.3 17.1 25.7

