

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132572.D
 Acq On : 28 Feb 2023 15:12
 Operator : CG\JU
 Sample : 01683-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230223

Quant Time: Feb 28 15:34:48 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	7.004	152	175699	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	650957	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	359030	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	720652	20.000	ng	0.00
76) Chrysene-d12	14.198	240	527678	20.000	ng	0.00
86) Perylene-d12	15.751	264	401167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	987131	91.183	ng	0.00
7) Phenol-d6	6.622	99	574929	40.693	ng	-0.01
23) Nitrobenzene-d5	7.569	82	1313304	95.719	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	609101	157.091	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2114858	89.692	ng	0.00
79) Terphenyl-d14	13.139	244	2592050	83.052	ng	0.00

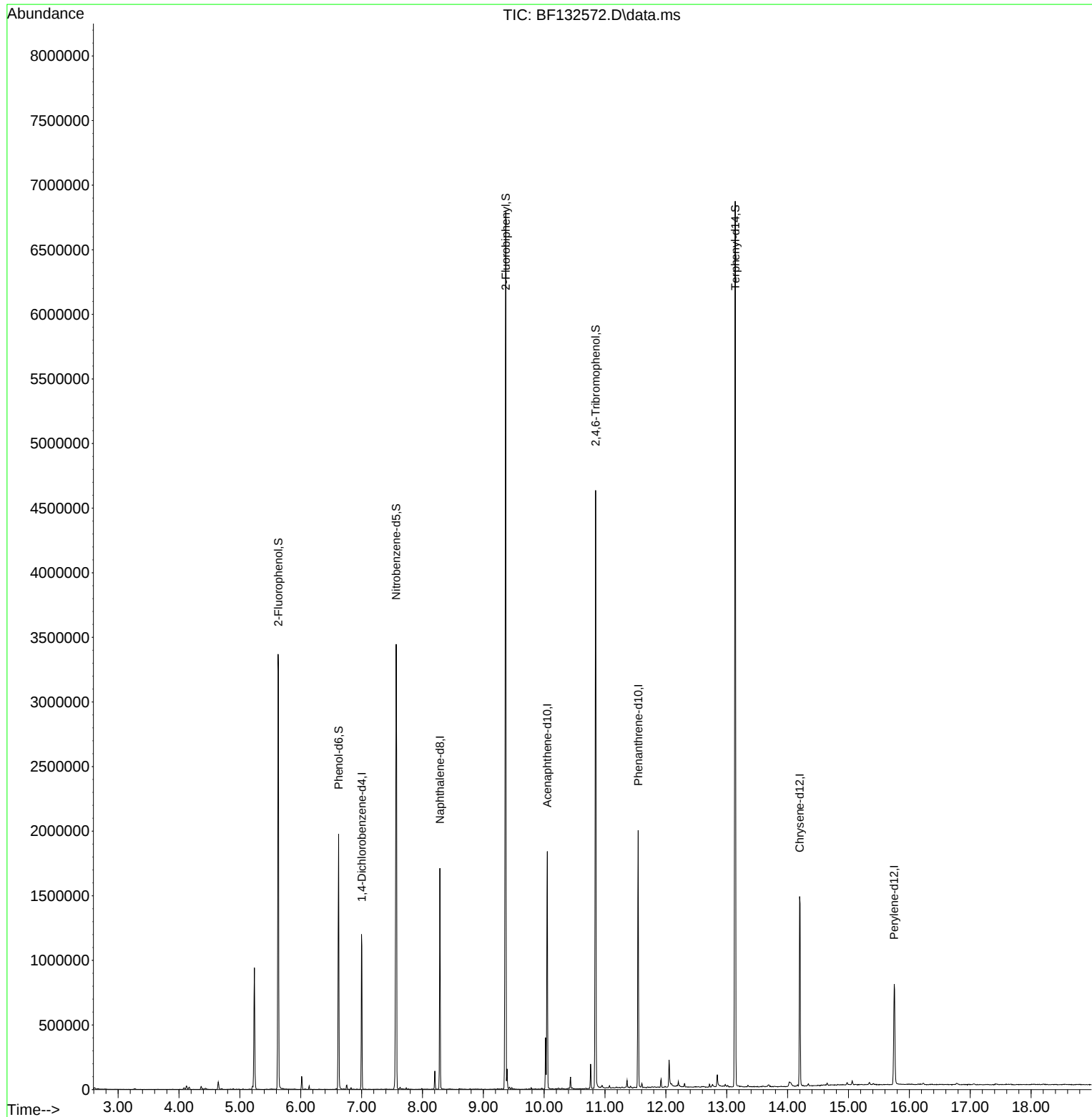
Target Compounds	Qvalue

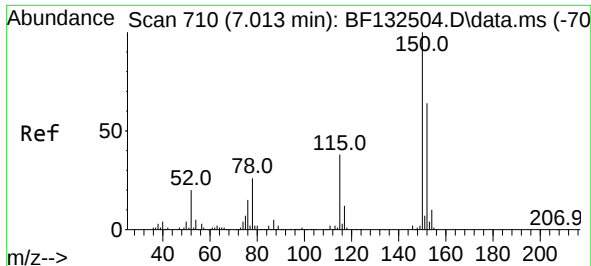
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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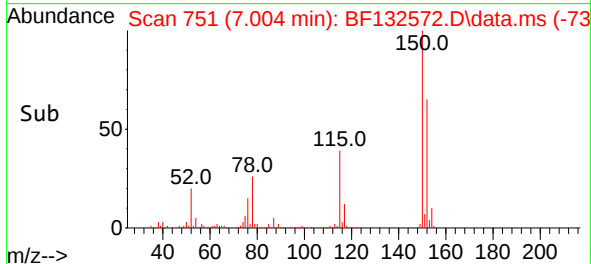
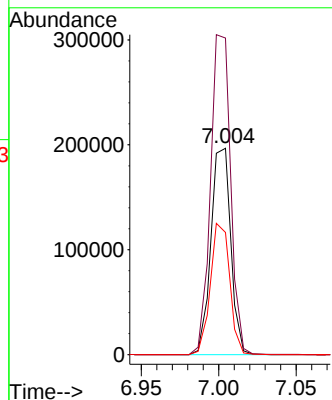
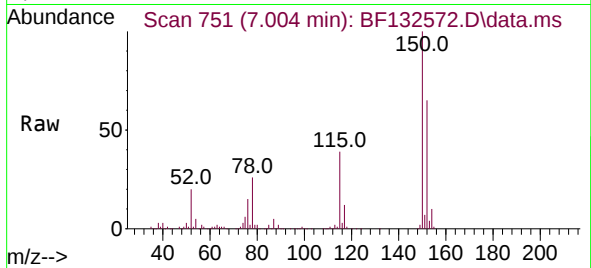




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

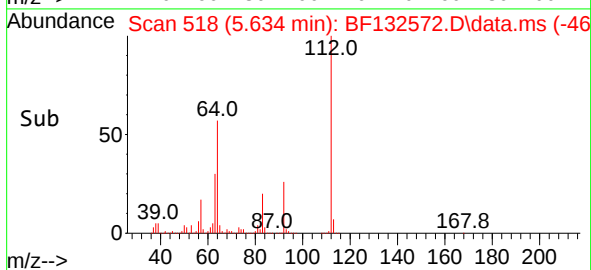
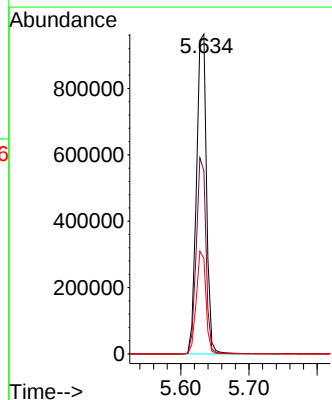
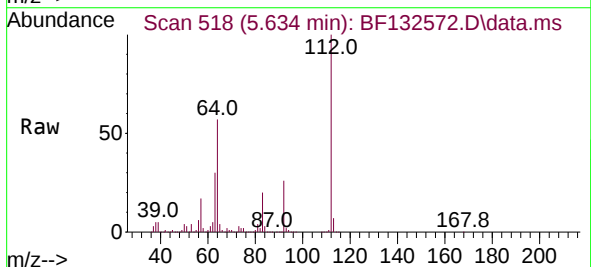
Instrument :
BNA_F
ClientSampleId :
SP-303-20230223

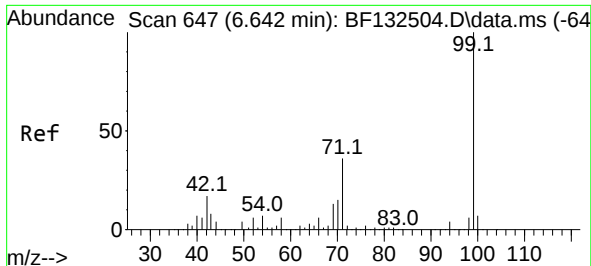
Tgt Ion:152 Resp: 175699
Ion Ratio Lower Upper
152 100
150 153.4 125.4 188.2
115 59.3 47.8 71.6



#5
2-Fluorophenol
Concen: 91.183 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion:112 Resp: 987131
Ion Ratio Lower Upper
112 100
64 57.2 51.6 77.4
63 29.9 27.4 41.2

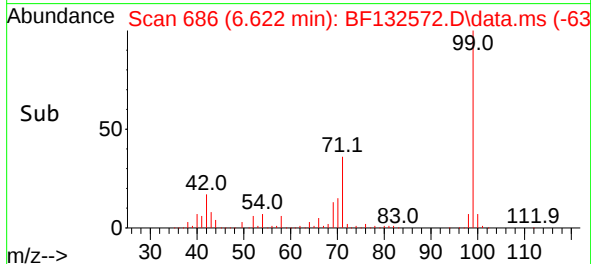
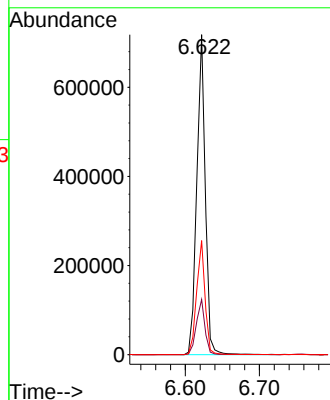
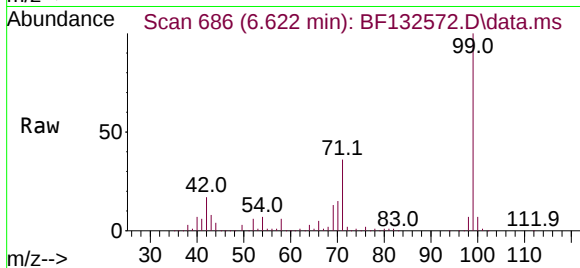




#7
Phenol-d6
Concen: 40.693 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

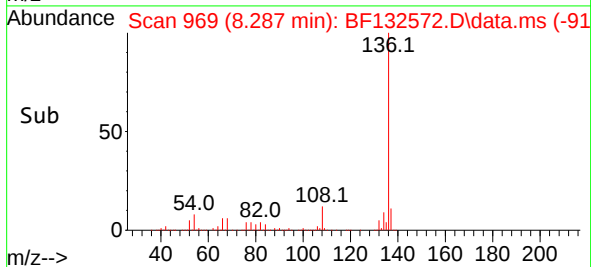
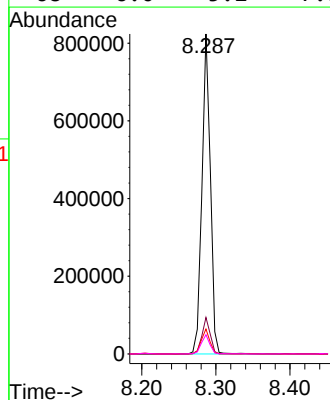
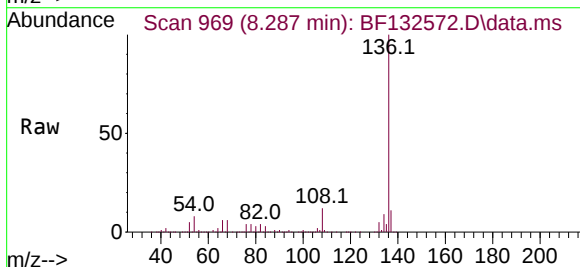
Instrument :
BNA_F
ClientSampleId :
SP-303-20230223

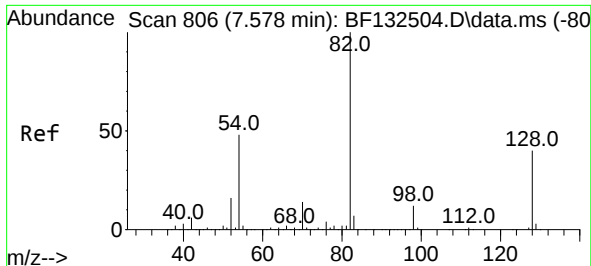
Tgt Ion: 99 Resp: 574929
Ion Ratio Lower Upper
99 100
42 17.2 13.9 20.9
71 35.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

Tgt Ion: 136 Resp: 650957
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 6.2 9.4
68 6.0 5.2 7.8

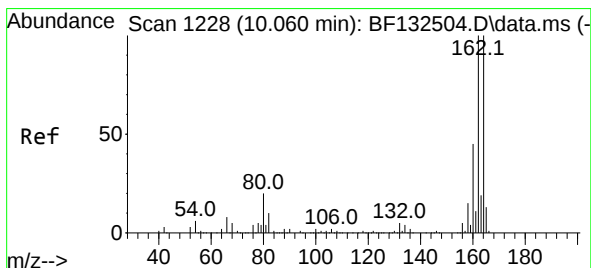
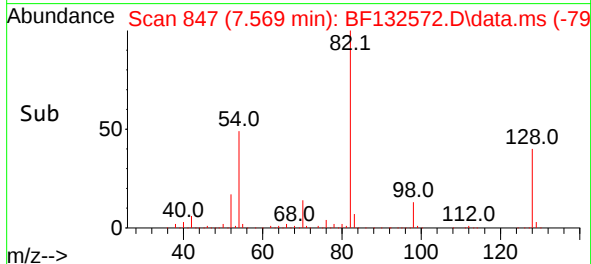
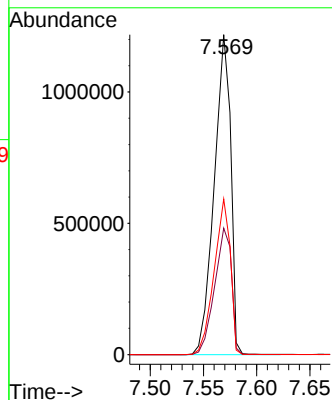
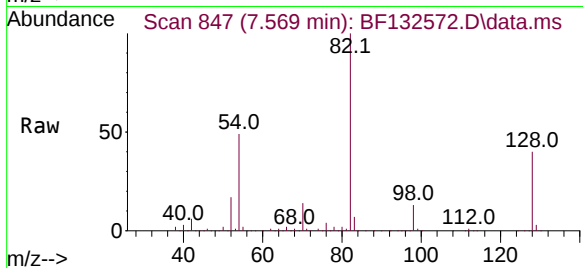




#23
 Nitrobenzene-d5
 Concen: 95.719 ng
 RT: 7.569 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BF132572.D
 Acq: 28 Feb 2023 15:12

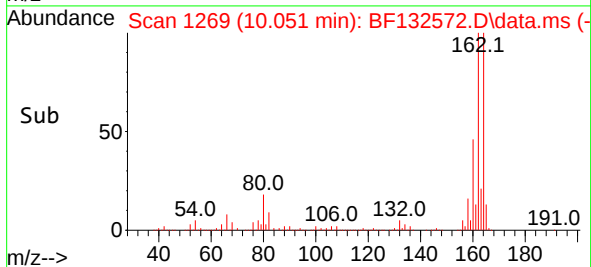
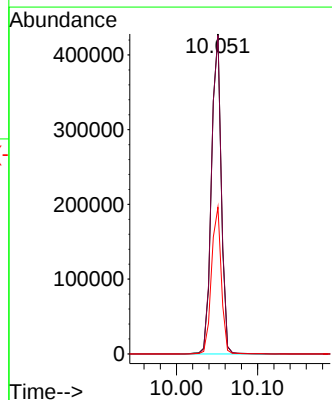
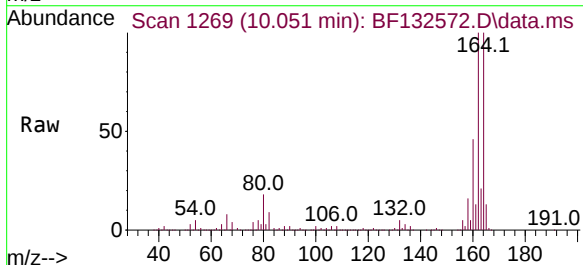
Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230223

Tgt Ion: 82 Resp: 1313304
 Ion Ratio Lower Upper
 82 100
 128 39.5 32.2 48.2
 54 48.6 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: BF132572.D
 Acq: 28 Feb 2023 15:12

Tgt Ion:164 Resp: 359030
 Ion Ratio Lower Upper
 164 100
 162 99.5 79.8 119.8
 160 45.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 157.091 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132572.D

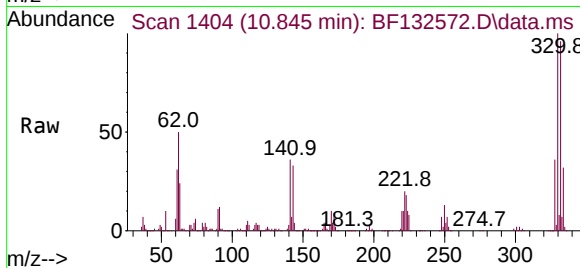
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Instrument :

BNA_F

ClientSampleId :

SP-303-20230223



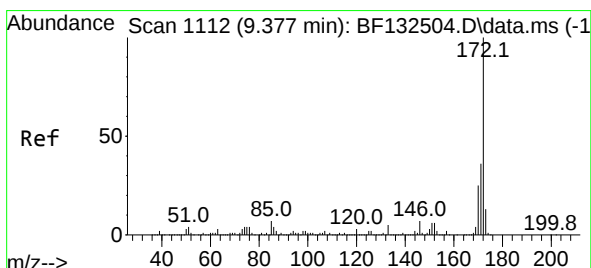
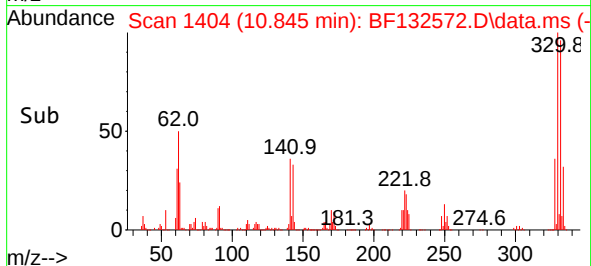
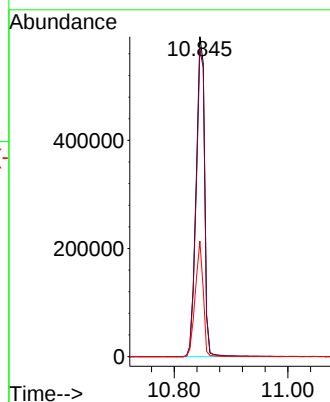
Tgt Ion:330 Resp: 609101

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 33.7 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 89.692 ng

RT: 9.369 min Scan# 1153

Delta R.T. -0.003 min

Lab File: BF132572.D

Acq: 28 Feb 2023 15:12

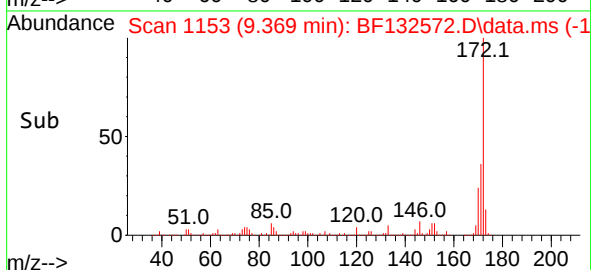
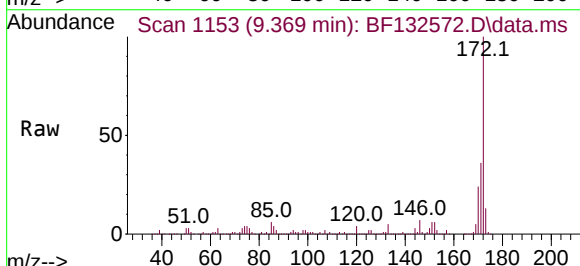
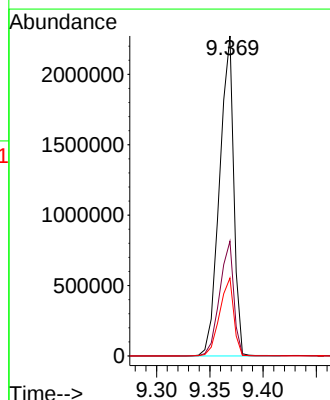
Tgt Ion:172 Resp: 2114858

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.3 19.7 29.5

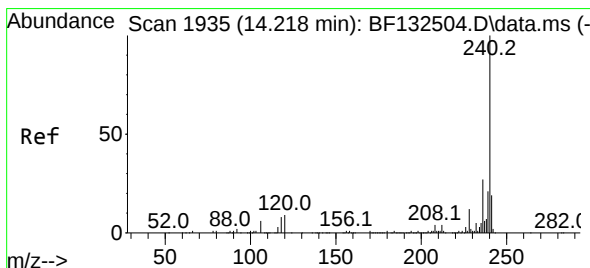
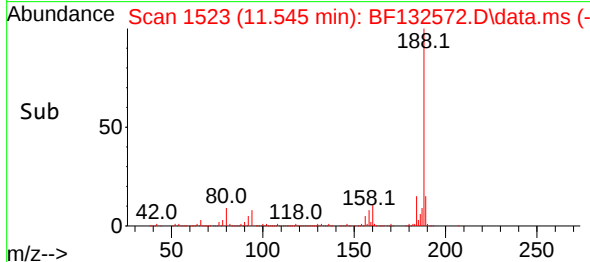
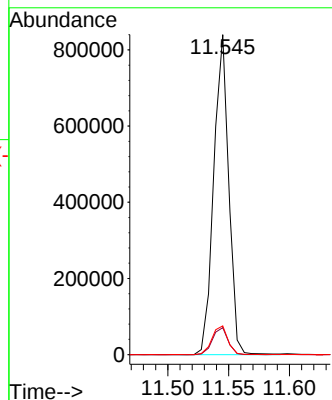
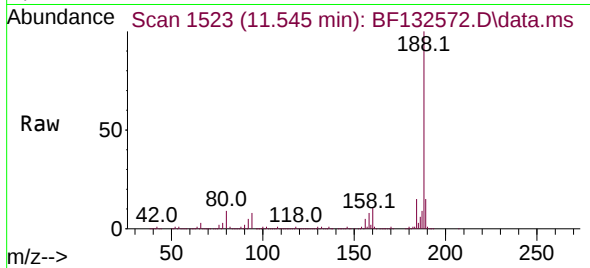




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

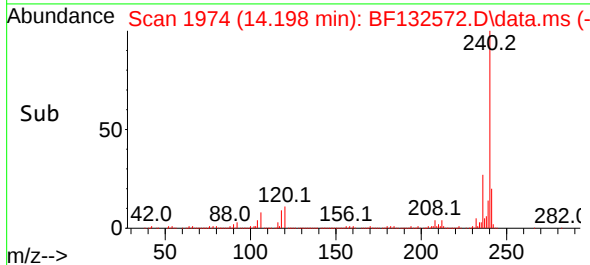
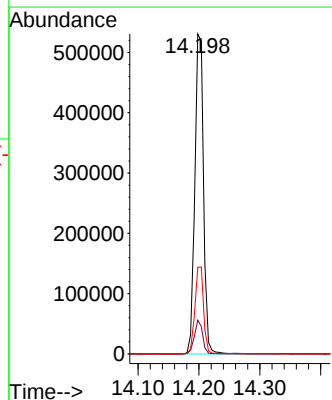
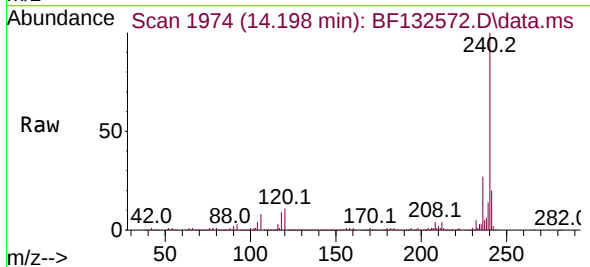
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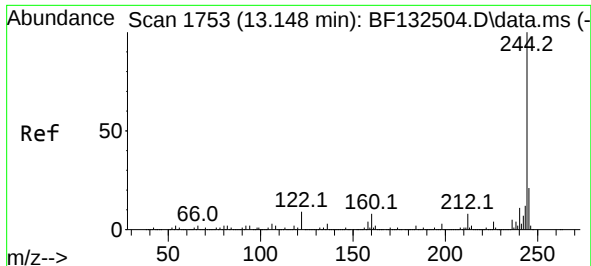
Tgt Ion:188 Resp: 720652
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 9.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132572.D
Acq: 28 Feb 2023 15:12

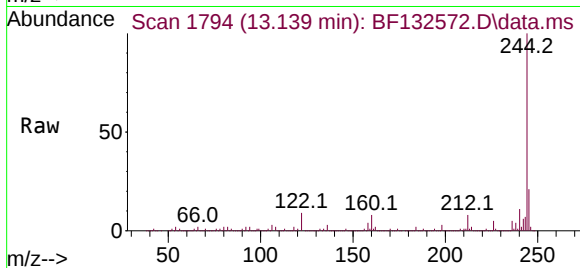
Tgt Ion:240 Resp: 527678
Ion Ratio Lower Upper
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120 10.5 7.2 10.8
236 27.1 21.8 32.6



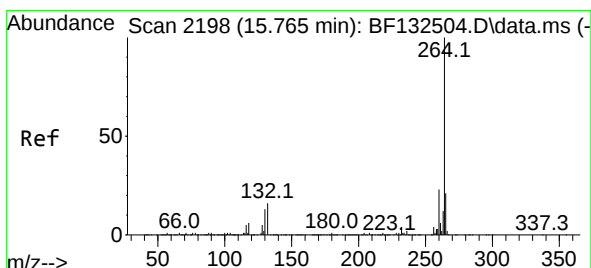
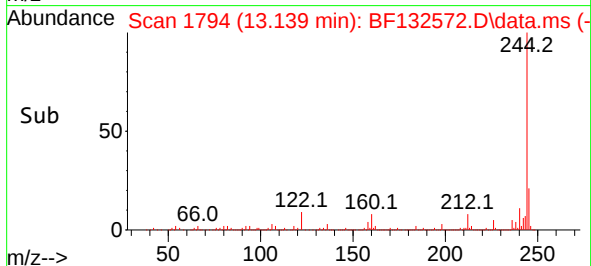
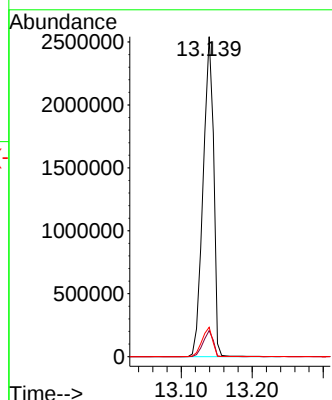


#79
 Terphenyl-d14
 Concen: 83.052 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132572.D
 Acq: 28 Feb 2023 15:12

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230223



Tgt Ion:244 Resp: 2592050
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.2 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: BF132572.D
 Acq: 28 Feb 2023 15:12

Tgt Ion:264 Resp: 401167
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.1 17.1 25.7

