

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132903.D
 Acq On : 18 Apr 2023 16:24
 Operator : CG\JU
 Sample : 02371-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: Apr 18 16:44:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

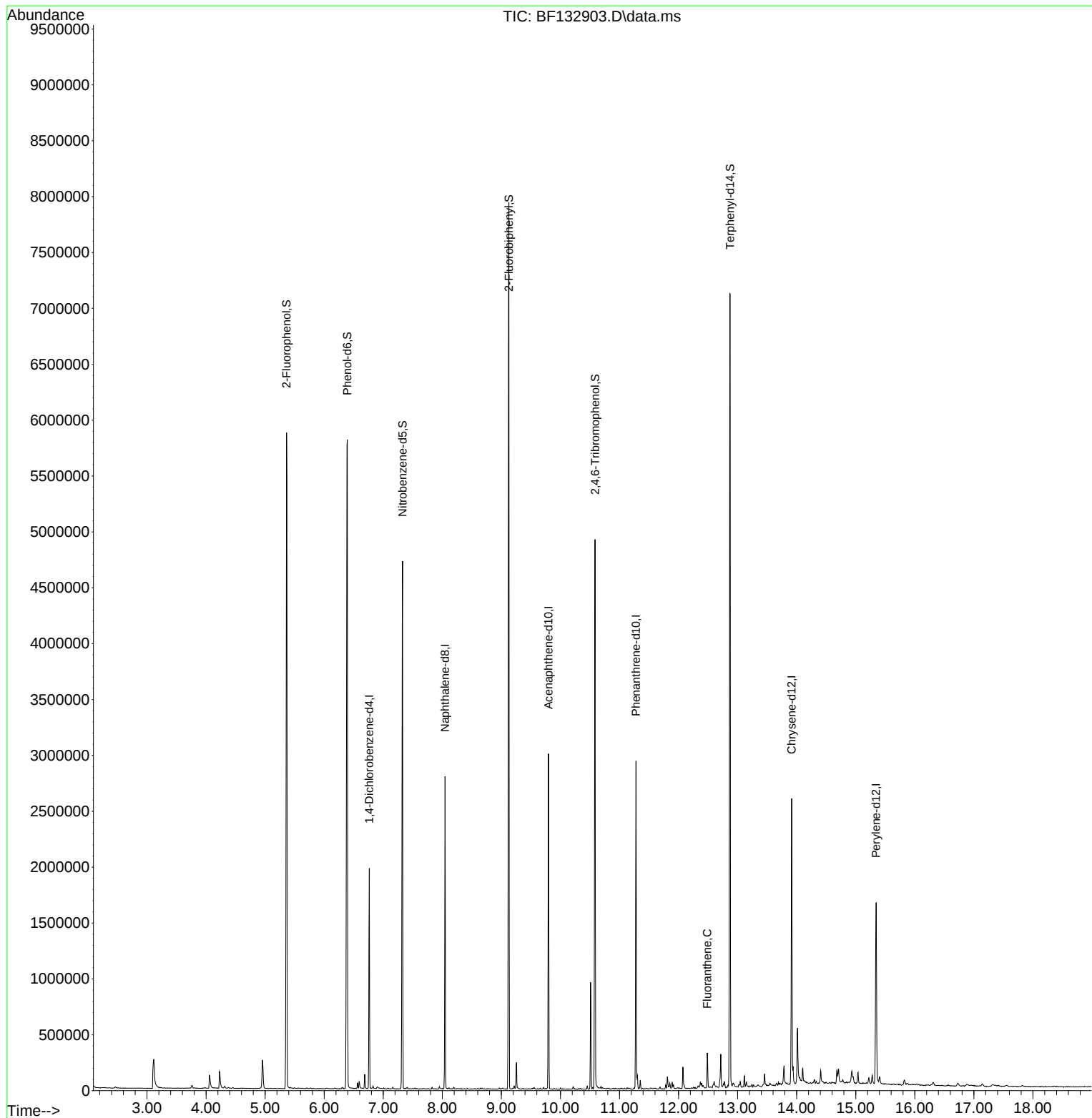
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	244407	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	987530	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	511237	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	946978	20.000	ng	0.00
76) Chrysene-d12	13.915	240	743449	20.000	ng	-0.01
86) Perylene-d12	15.345	264	656160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1737229	111.145	ng	0.00
7) Phenol-d6	6.392	99	2387694	119.714	ng	0.00
23) Nitrobenzene-d5	7.328	82	1449215	76.494	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	549819	107.225	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	2307742	69.346	ng	0.00
79) Terphenyl-d14	12.874	244	2702707	62.022	ng	0.00
Target Compounds						
75) Fluoranthene	12.486	202	116952	2.309	ng	Qvalue 97

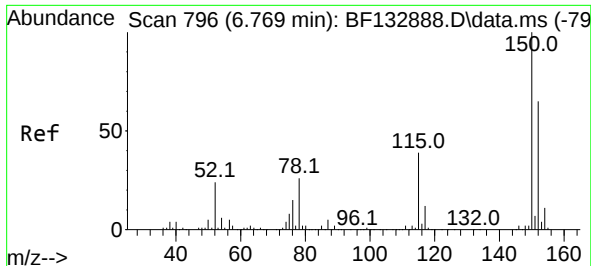
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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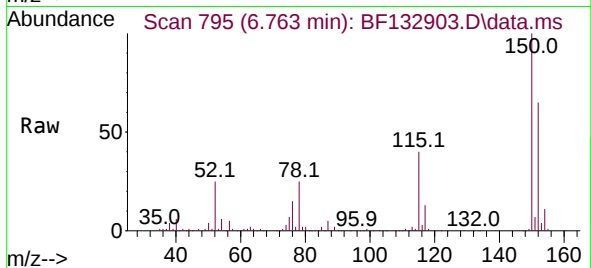
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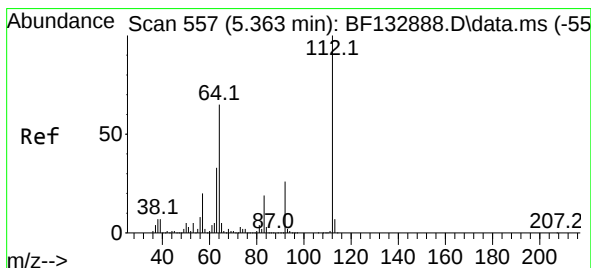
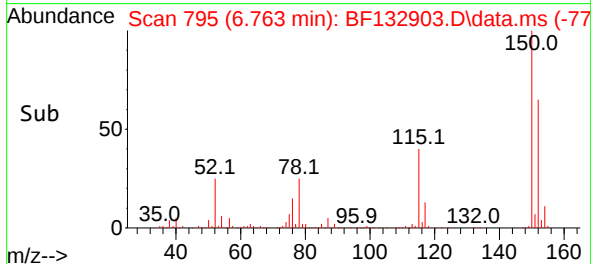
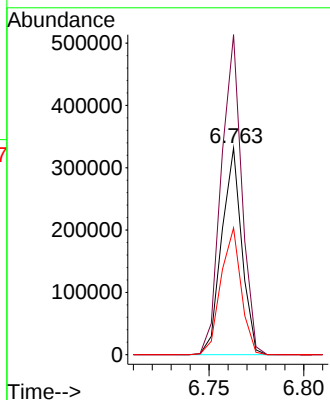


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

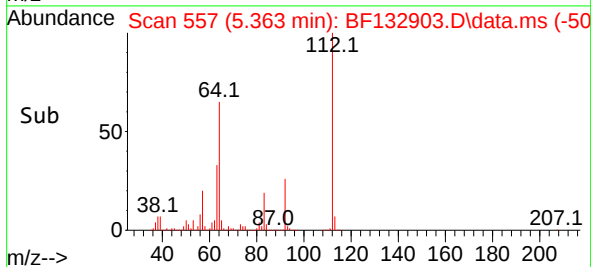
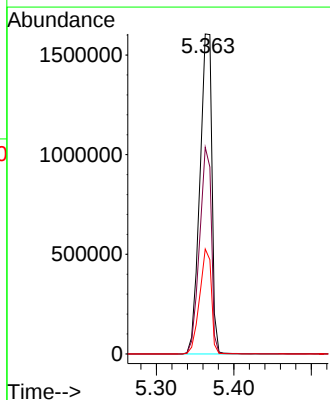
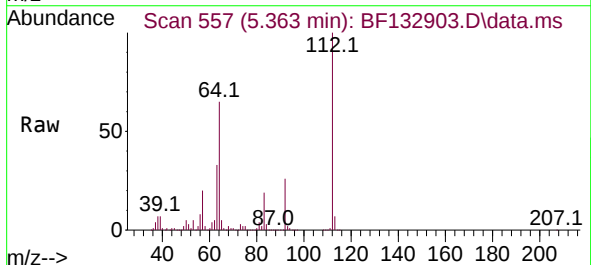


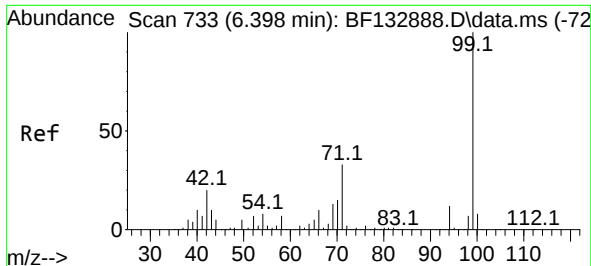
Tgt Ion:152 Resp: 244407
Ion Ratio Lower Upper
152 100
150 154.8 122.8 184.2
115 61.3 47.3 70.9



#5
2-Fluorophenol
Concen: 111.145 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:112 Resp: 1737229
Ion Ratio Lower Upper
112 100
64 64.6 51.8 77.8
63 32.8 26.3 39.5

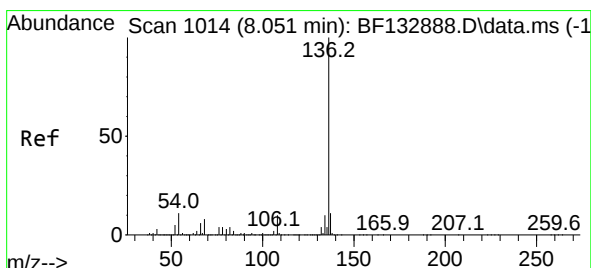
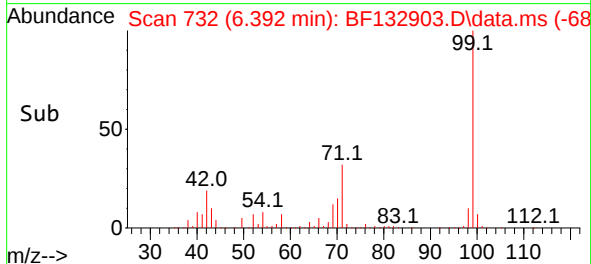
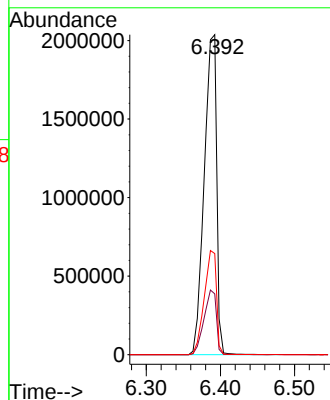
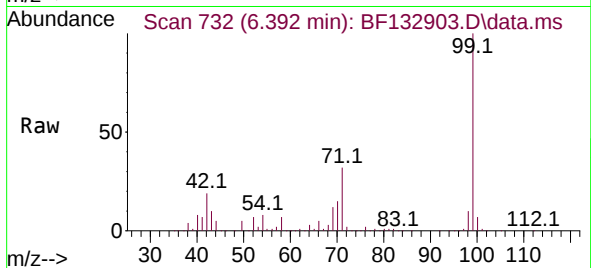




#7
Phenol-d6
Concen: 119.714 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

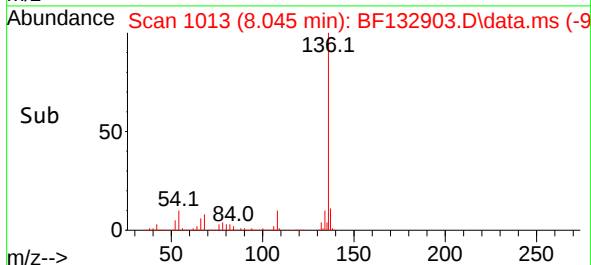
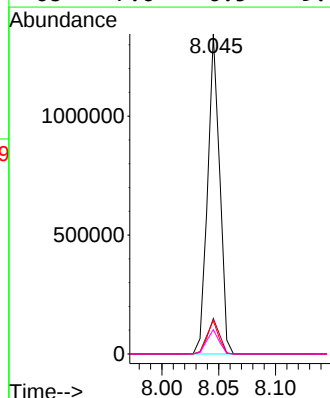
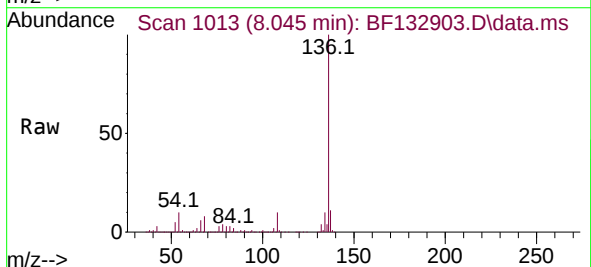
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

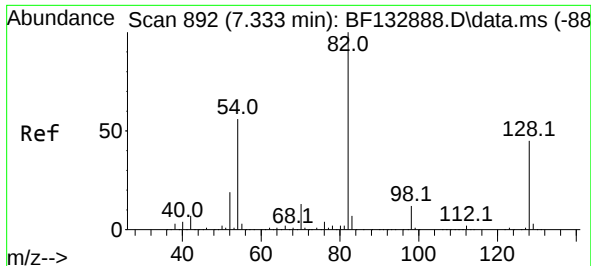
Tgt Ion: 99 Resp: 2387694
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 31.6 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion: 136 Resp: 987530
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.4 8.9 13.3
68 7.6 6.5 9.7





#23

Nitrobenzene-d5

Concen: 76.494 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132903.D

Acq: 18 Apr 2023 16:24

Instrument :

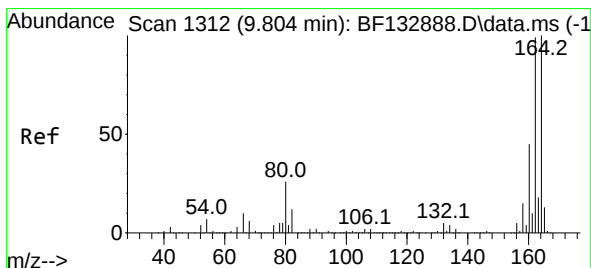
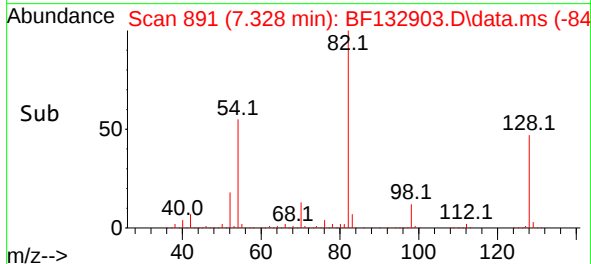
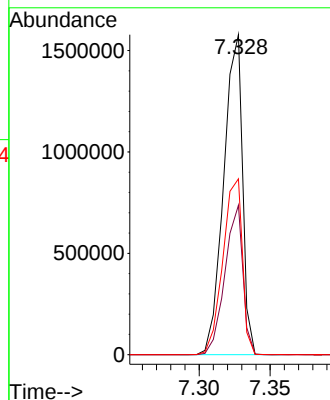
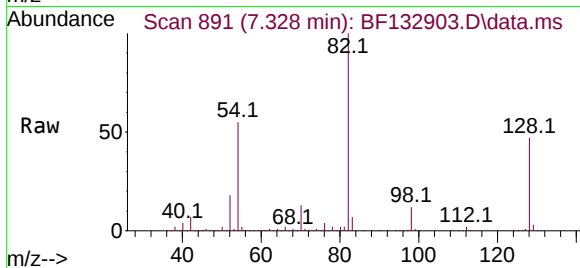
BNA_F

ClientSampleId :

SB-16-COMP

Tgt Ion: 82 Resp: 1449215

Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.7	53.5
54	55.0	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

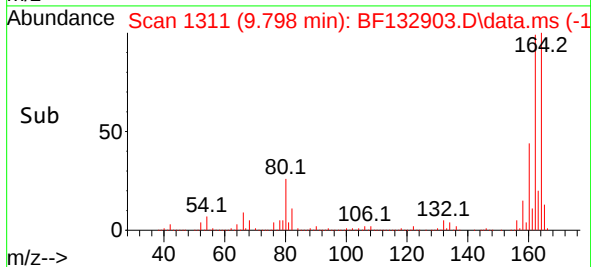
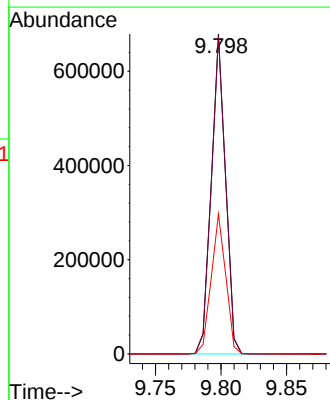
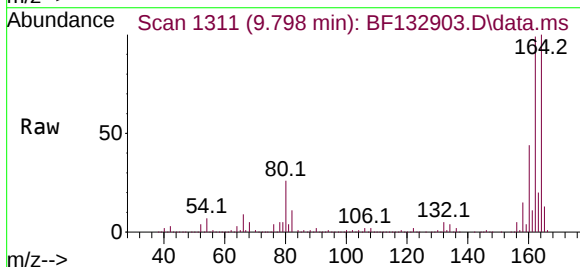
Delta R.T. -0.006 min

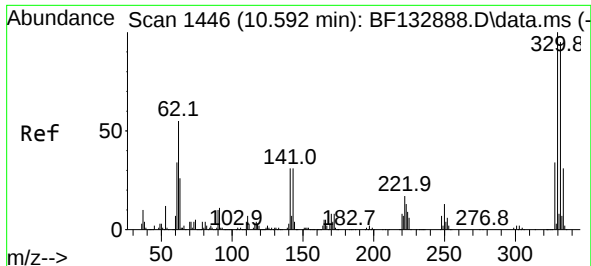
Lab File: BF132903.D

Acq: 18 Apr 2023 16:24

Tgt Ion:164 Resp: 511237

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.1	118.7
160	43.7	35.6	53.4

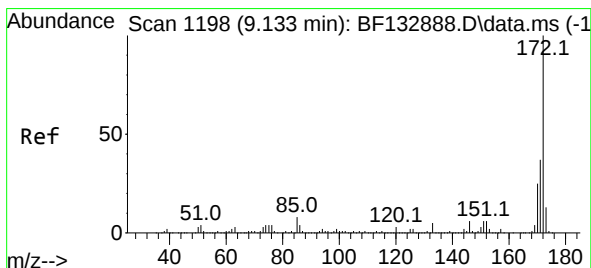
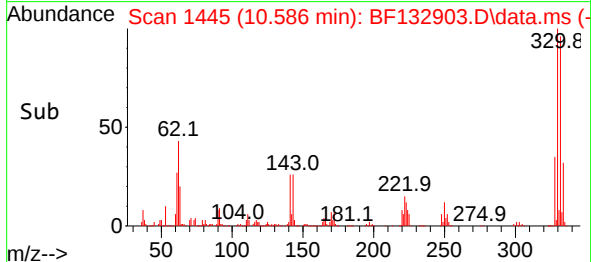
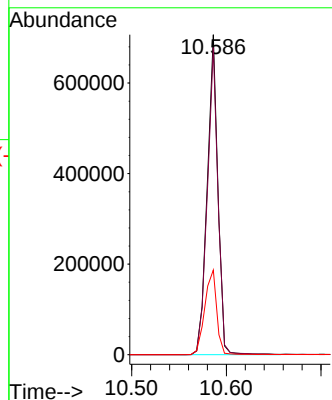
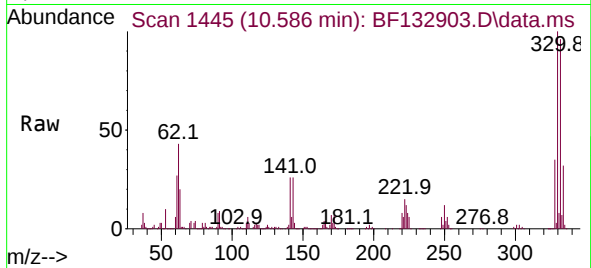




#42
2,4,6-Tribromophenol
Concen: 107.225 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

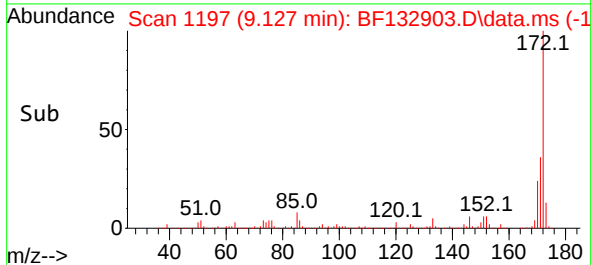
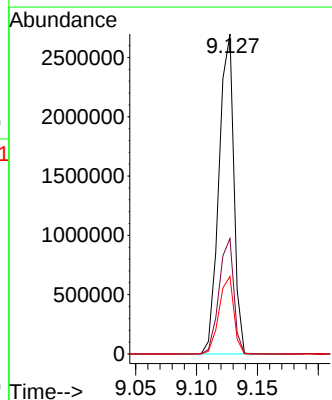
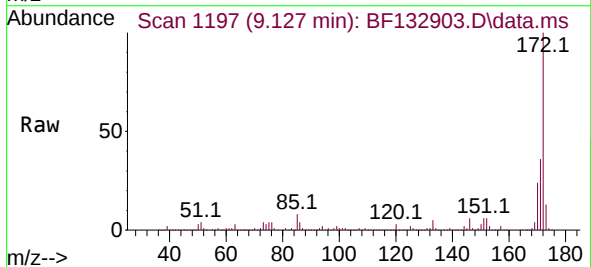
Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

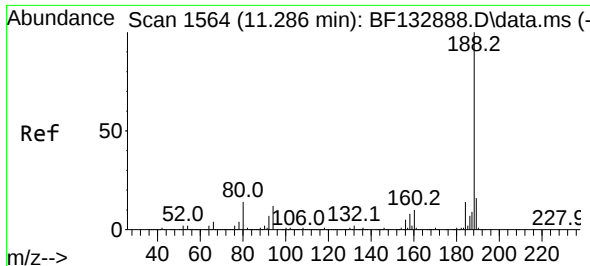
Tgt Ion:330 Resp: 549819
Ion Ratio Lower Upper
330 100
332 96.5 76.3 114.5
141 29.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 69.346 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:172 Resp: 2307742
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.2 20.1 30.1

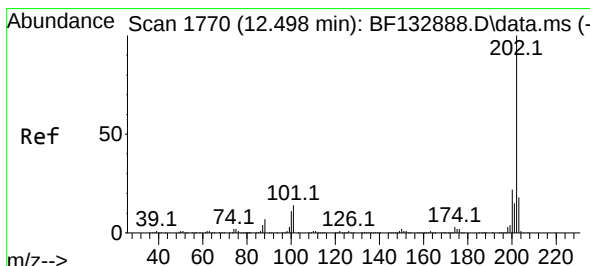
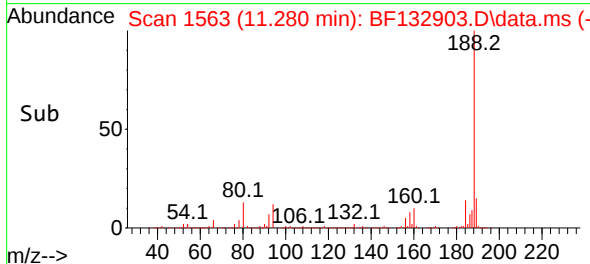
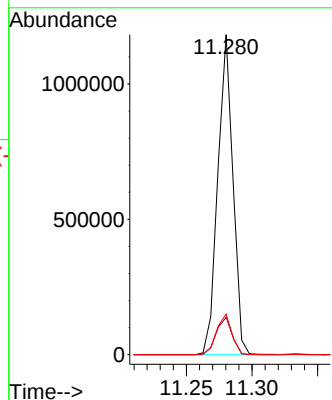
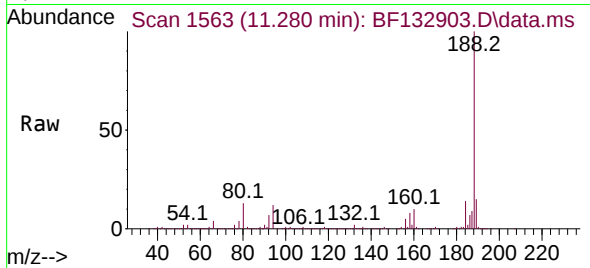




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

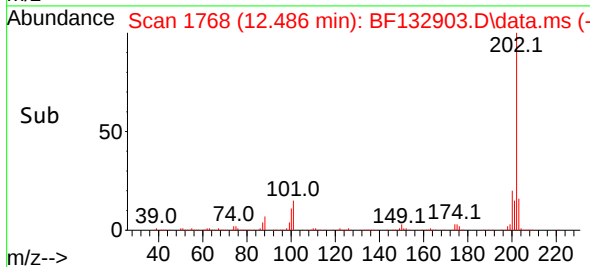
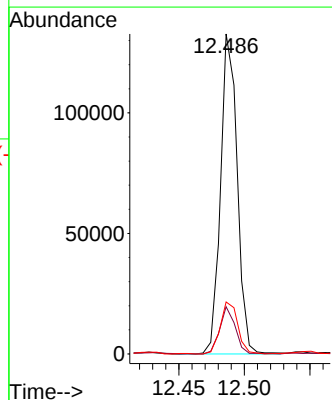
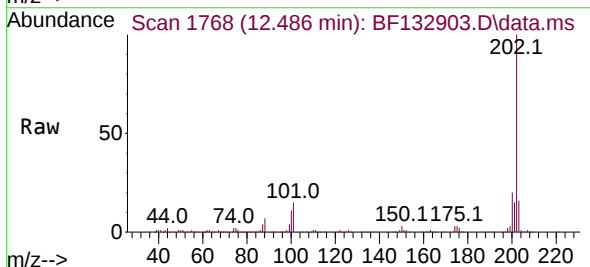
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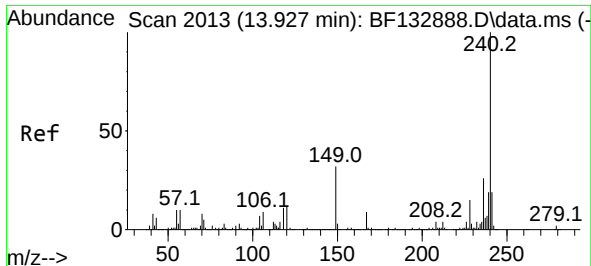
Tgt Ion:188 Resp: 946978
Ion Ratio Lower Upper
188 100
94 11.7 9.9 14.9
80 12.7 10.8 16.2



#75
Fluoranthene
Concen: 2.309 ng
RT: 12.486 min Scan# 1768
Delta R.T. -0.012 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Tgt Ion:202 Resp: 116952
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.5
203 16.3 0.0 38.2

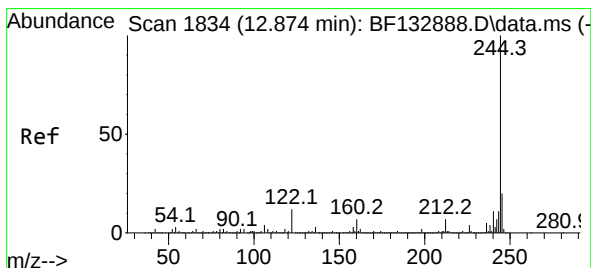
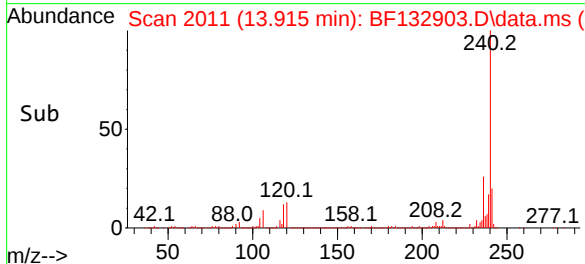
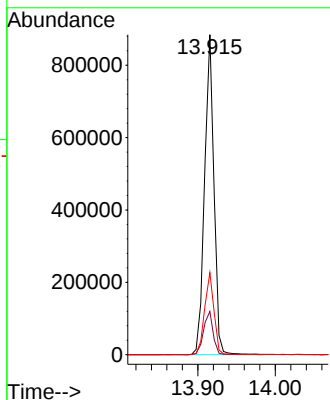
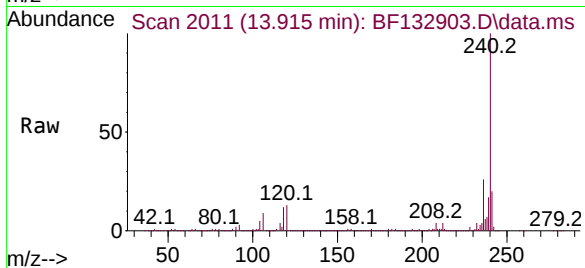




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

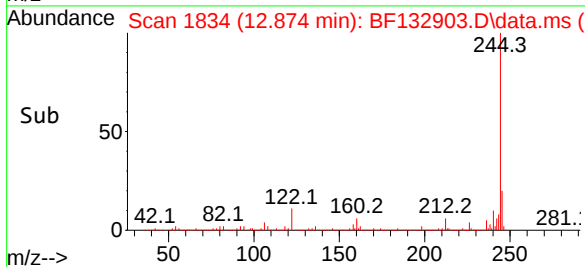
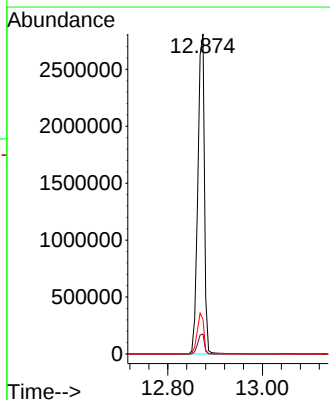
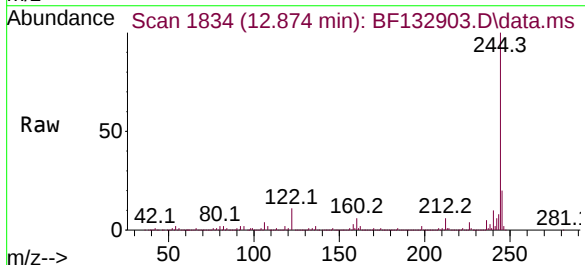
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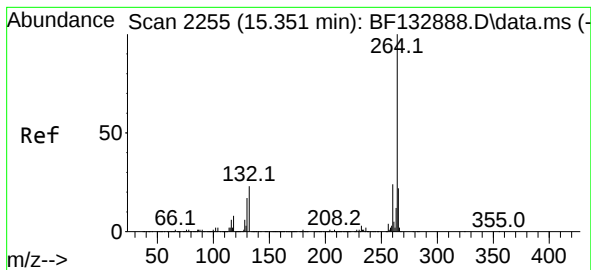
Tgt Ion:240 Resp: 743449
Ion Ratio Lower Upper
240 100
120 13.5 10.0 15.0
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 62.022 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

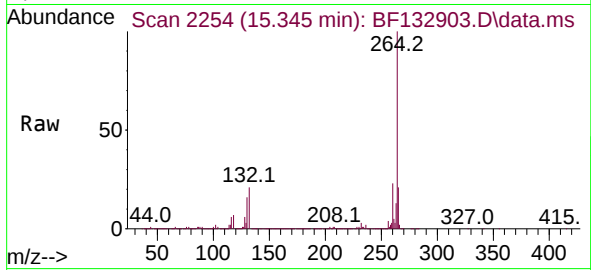
Tgt Ion:244 Resp: 2702707
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 10.7 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132903.D
Acq: 18 Apr 2023 16:24

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP



Tgt Ion:264 Resp: 656160

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.5	17.7	26.5

