

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132216.D
 Acq On : 30 Jan 2023 18:01
 Operator : CG\JU
 Sample : 01327-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48965

Quant Time: Jan 31 00:31:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

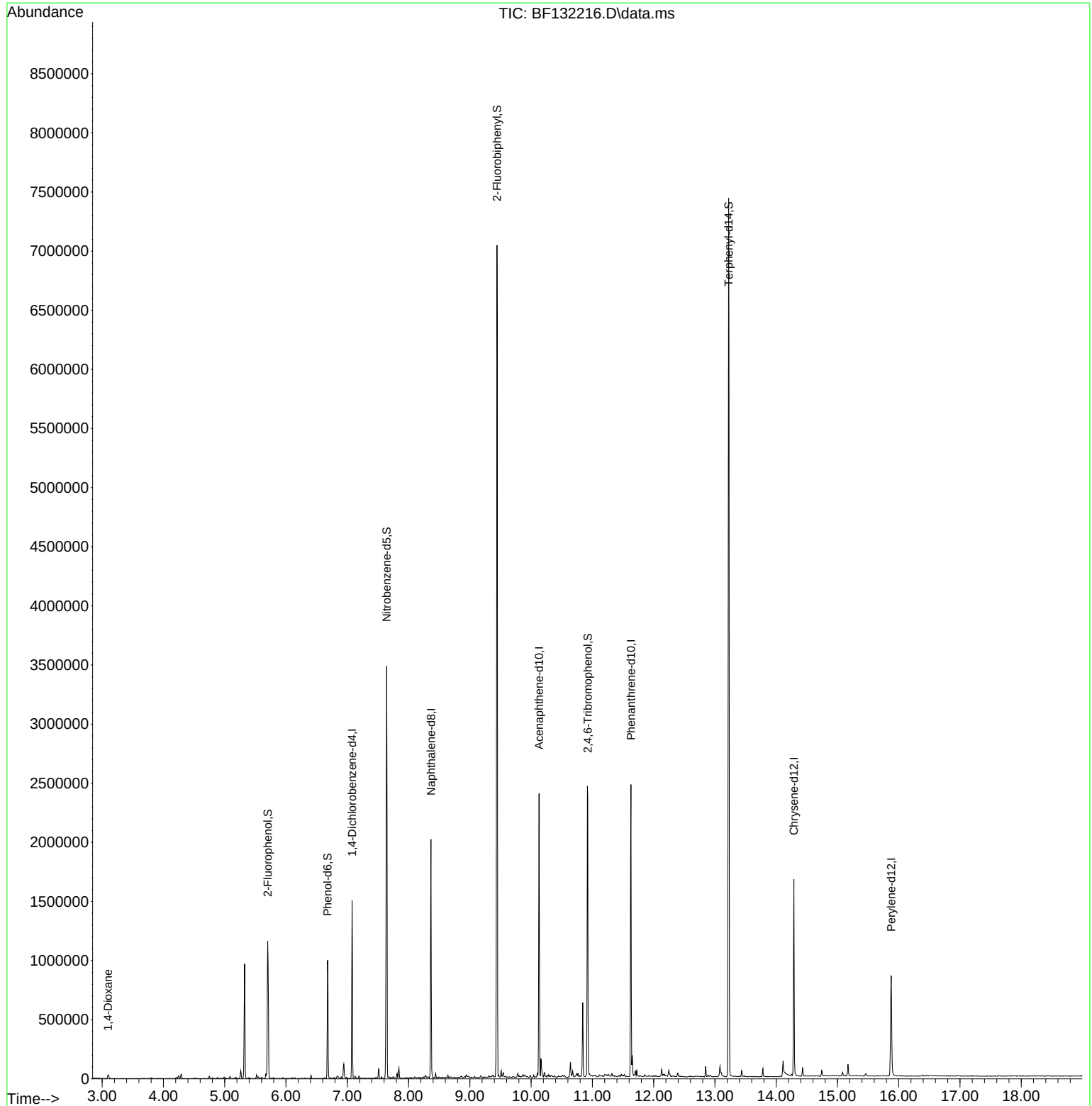
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	215622	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	793667	20.000	ng	0.00
39) Acenaphthene-d10	10.130	164	433556	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	853073	20.000	ng	0.00
76) Chrysene-d12	14.289	240	510072	20.000	ng	0.00
86) Perylene-d12	15.877	264	416632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	452204	34.894	ng	0.00
7) Phenol-d6	6.678	99	348479	21.446	ng	-0.02
23) Nitrobenzene-d5	7.642	82	1259932	83.109	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	304252	75.785	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	2249787	76.355	ng	0.00
79) Terphenyl-d14	13.224	244	2904409	89.461	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.096	88	16908	2.592	ng	Qvalue # 88

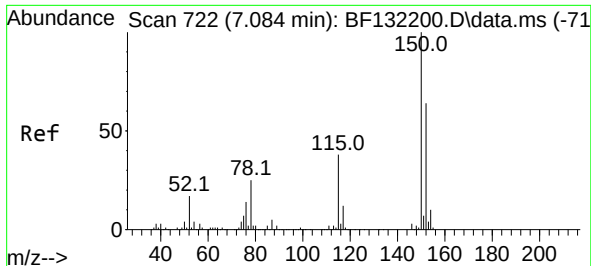
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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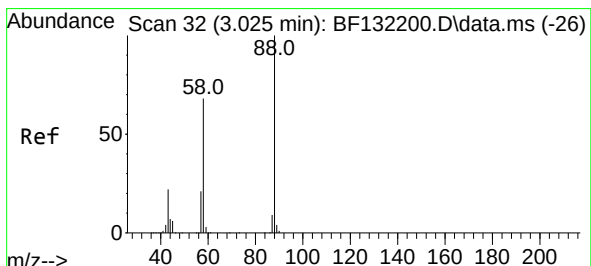
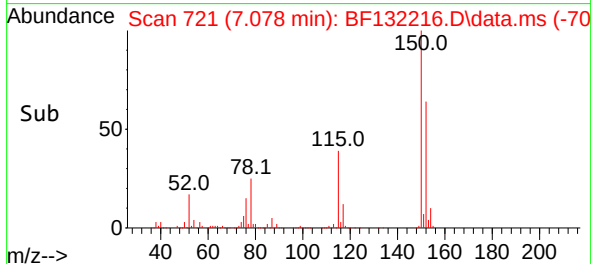
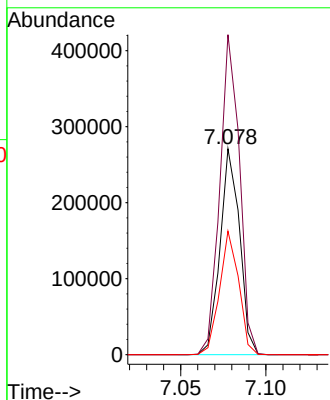
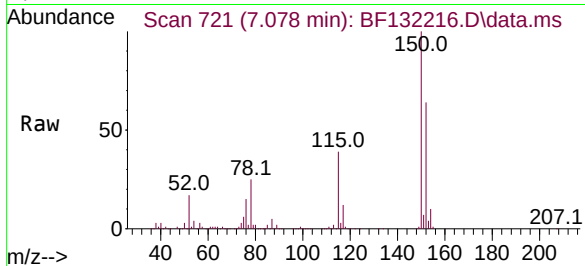




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.078 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132216.D
 Acq: 30 Jan 2023 18:01

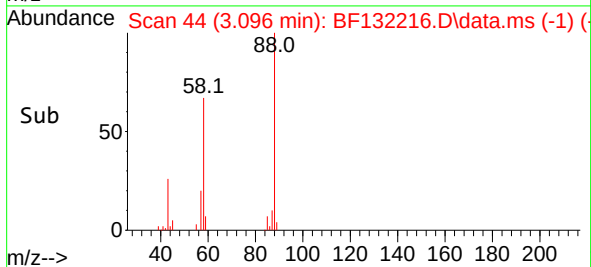
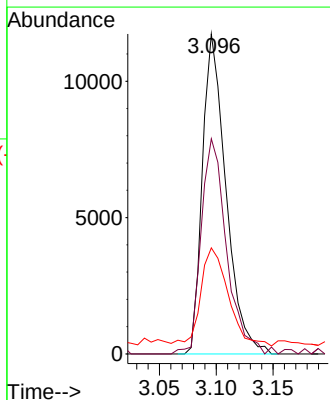
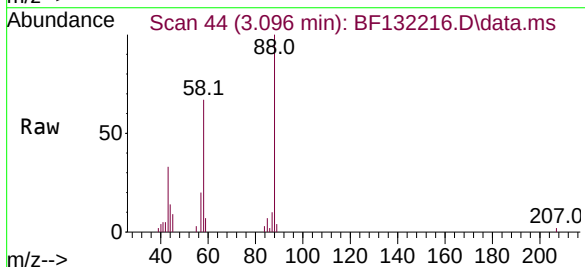
Instrument :
 BNA_F
 ClientSampleId :
 N48965

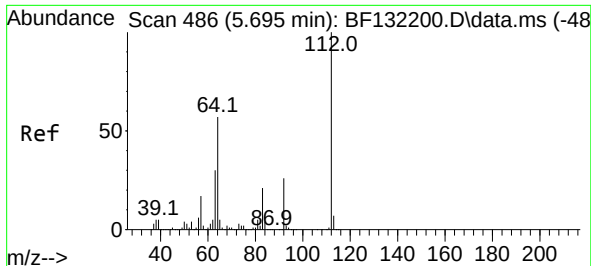
Tgt Ion:152 Resp: 215622
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 60.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 2.592 ng
 RT: 3.096 min Scan# 44
 Delta R.T. 0.071 min
 Lab File: BF132216.D
 Acq: 30 Jan 2023 18:01

Tgt Ion: 88 Resp: 16908
 Ion Ratio Lower Upper
 88 100
 58 72.7 54.1 81.1
 43 35.9 18.0 27.0#

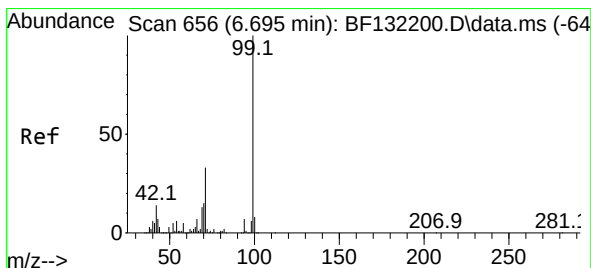
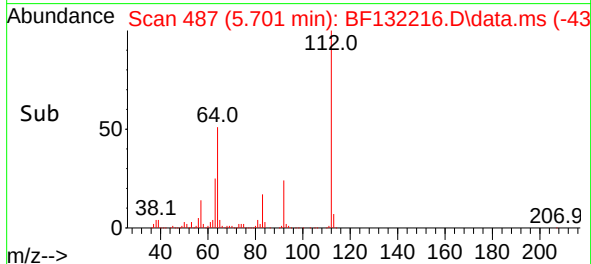
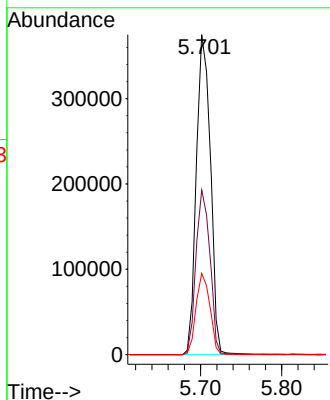
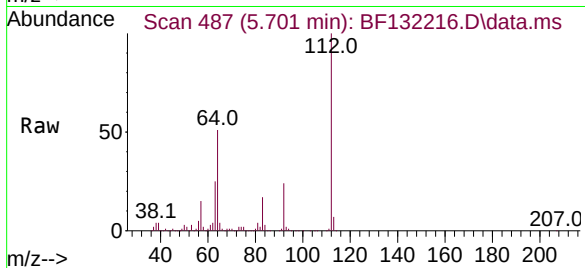




#5
 2-Fluorophenol
 Concen: 34.894 ng
 RT: 5.701 min Scan# 486
 Delta R.T. 0.006 min
 Lab File: BF132216.D
 Acq: 30 Jan 2023 18:01

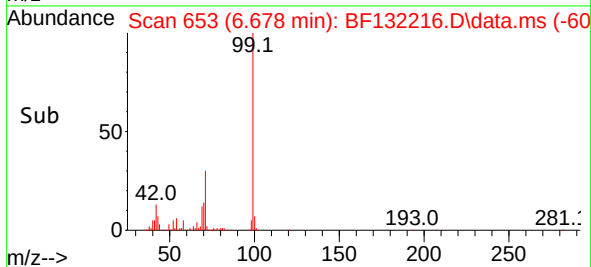
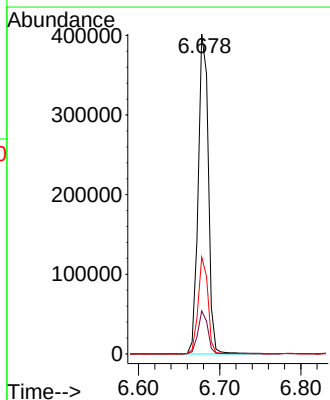
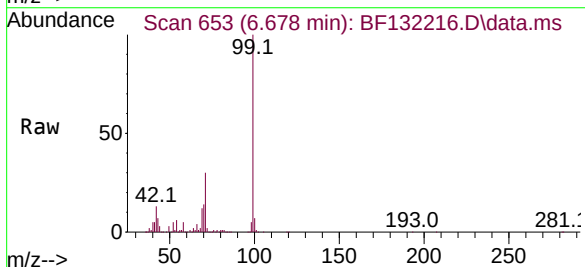
Instrument :
 BNA_F
 ClientSampleId :
 N48965

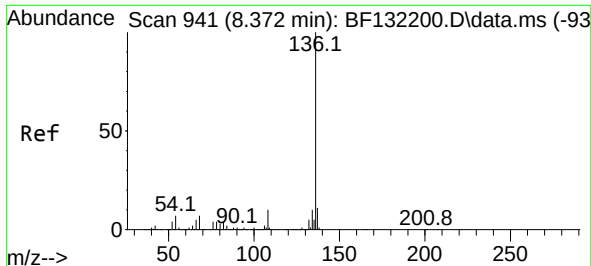
Tgt Ion: 112 Resp: 452204
 Ion Ratio Lower Upper
 112 100
 64 51.5 45.5 68.3
 63 25.4 23.7 35.5



#7
 Phenol-d6
 Concen: 21.446 ng
 RT: 6.678 min Scan# 653
 Delta R.T. -0.018 min
 Lab File: BF132216.D
 Acq: 30 Jan 2023 18:01

Tgt Ion: 99 Resp: 348479
 Ion Ratio Lower Upper
 99 100
 42 13.4 11.3 16.9
 71 30.2 26.3 39.5

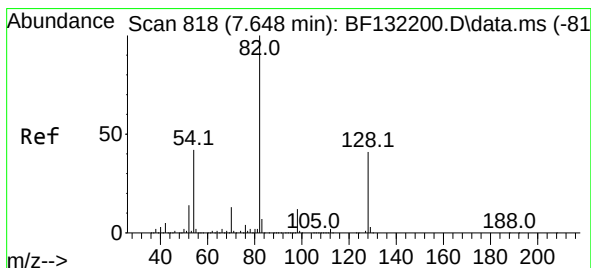
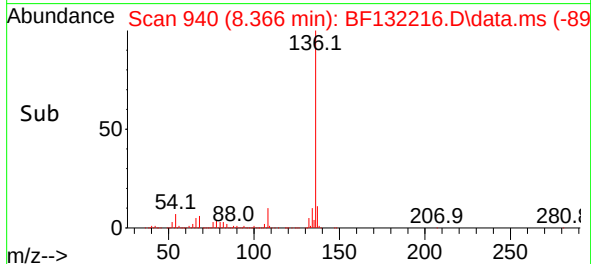
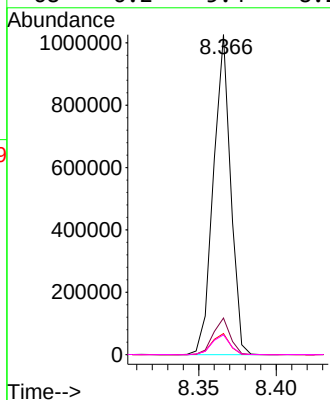
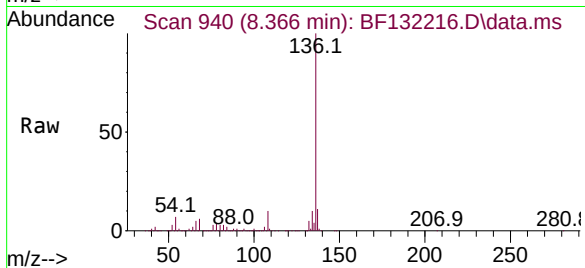




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132216.D
Acq: 30 Jan 2023 18:01

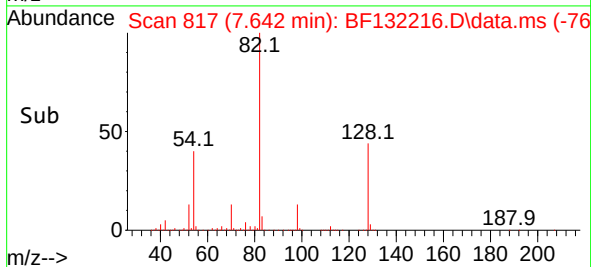
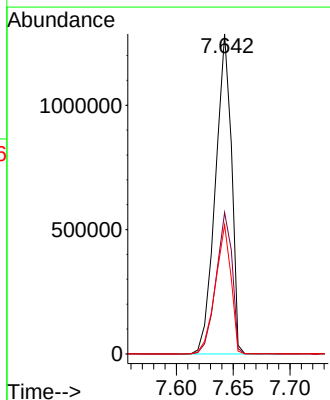
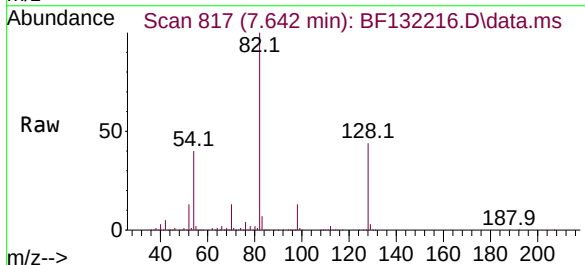
Instrument :
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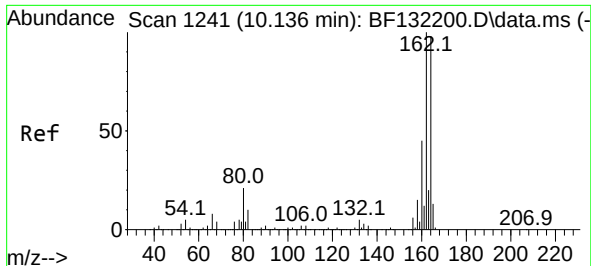
Tgt Ion:136 Resp: 793667
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.6 5.4 8.2
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 83.109 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132216.D
Acq: 30 Jan 2023 18:01

Tgt Ion: 82 Resp: 1259932
Ion Ratio Lower Upper
82 100
128 44.2 32.7 49.1
54 40.3 33.3 49.9

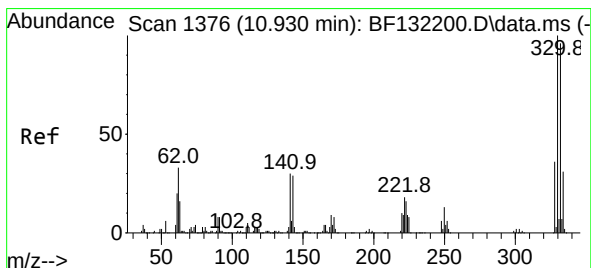
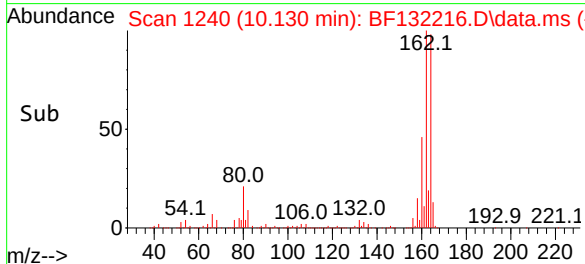
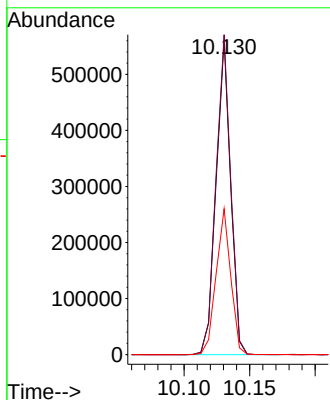
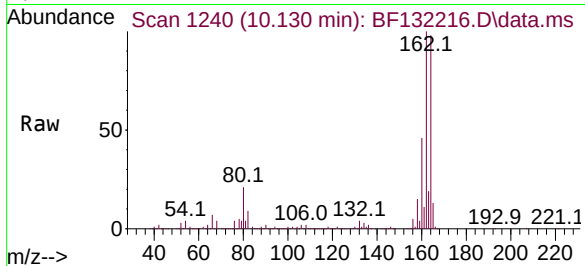




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132216.D
Acq: 30 Jan 2023 18:01

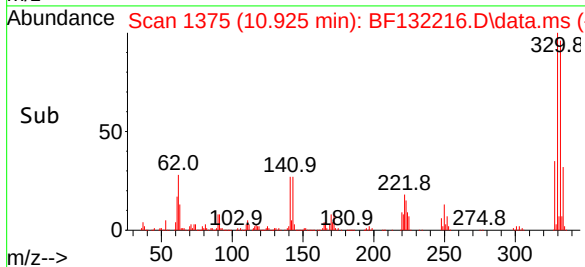
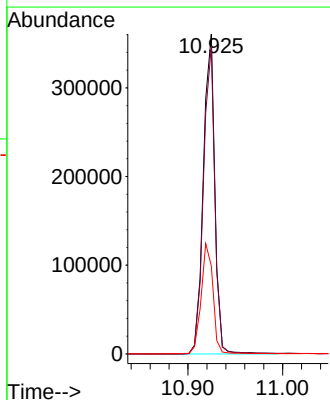
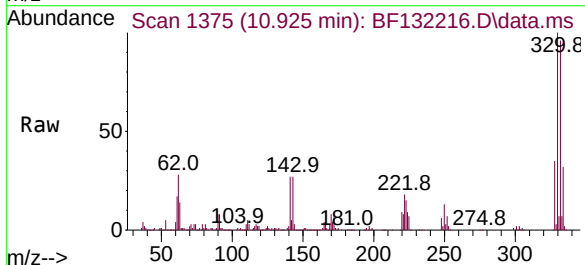
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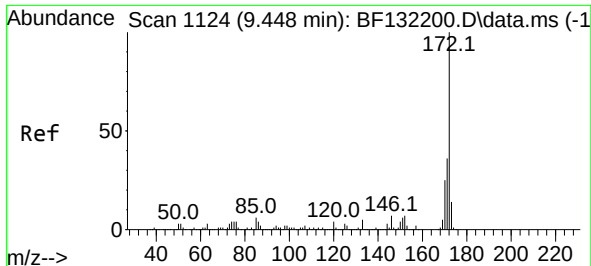
Tgt Ion:164 Resp: 433556
Ion Ratio Lower Upper
164 100
162 101.7 81.5 122.3
160 46.3 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 75.785 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132216.D
Acq: 30 Jan 2023 18:01

Tgt Ion:330 Resp: 304252
Ion Ratio Lower Upper
330 100
332 95.6 75.7 113.5
141 35.6 30.7 46.1

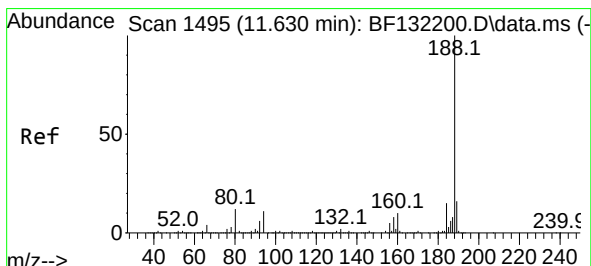
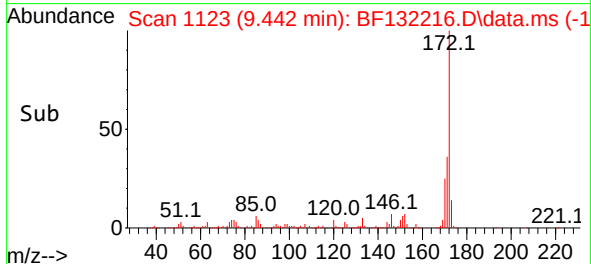
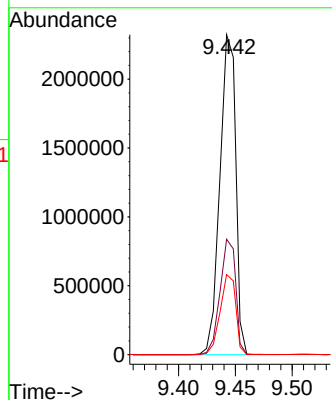
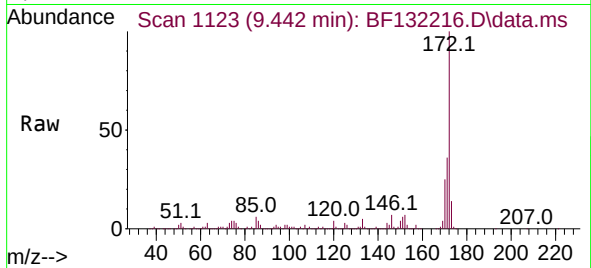




#45
2-Fluorobiphenyl
Concen: 76.355 ng
RT: 9.442 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BF132216.D
Acq: 30 Jan 2023 18:01

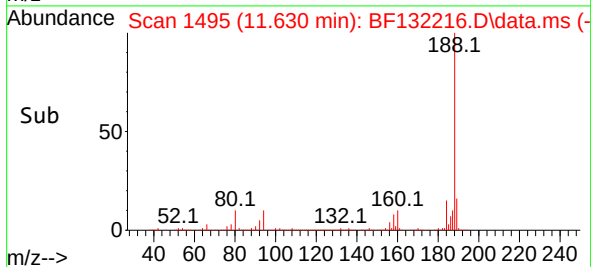
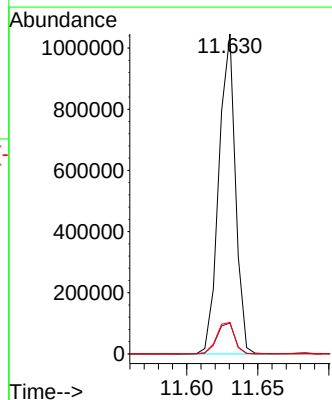
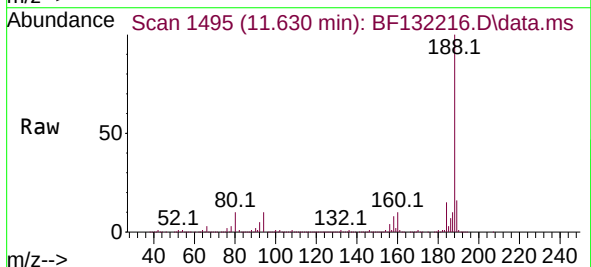
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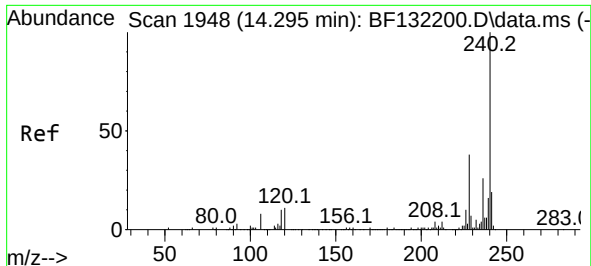
Tgt Ion:172 Resp: 2249787
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 25.0 20.2 30.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132216.D
Acq: 30 Jan 2023 18:01

Tgt Ion:188 Resp: 853073
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.8 9.2 13.8

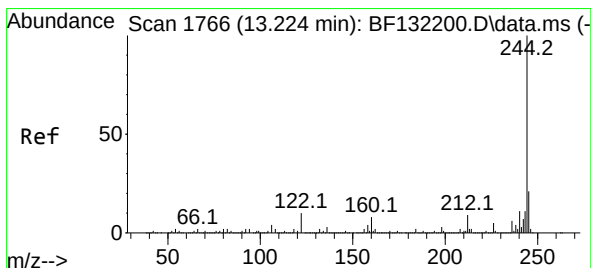
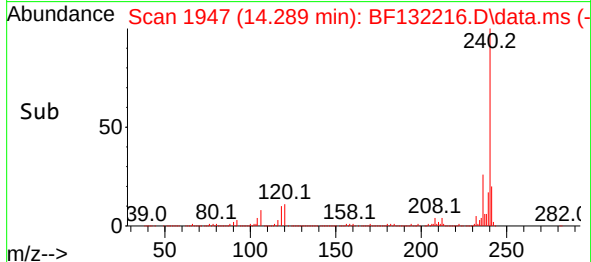
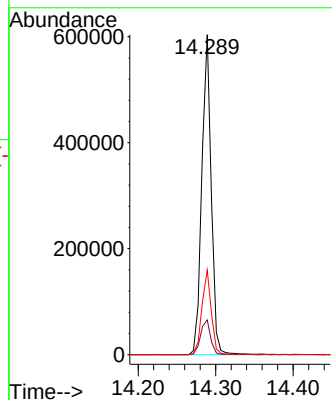
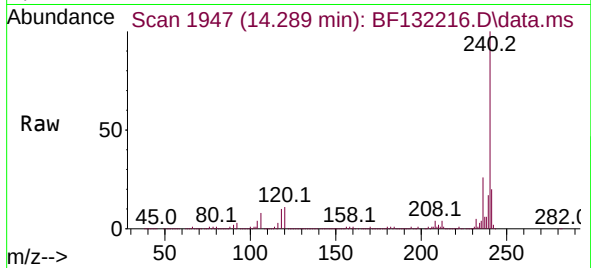




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132216.D
Acq: 30 Jan 2023 18:01

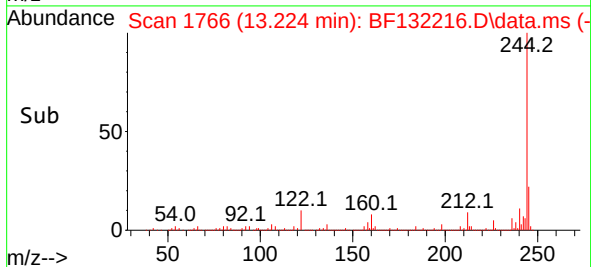
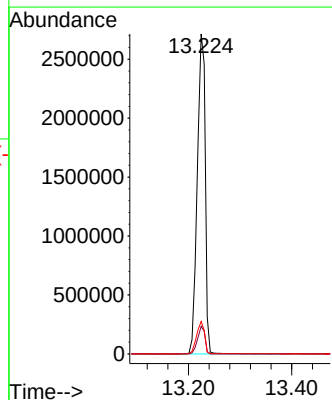
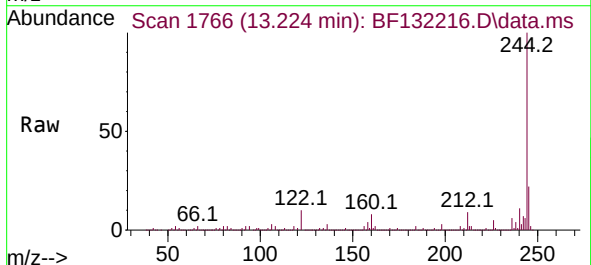
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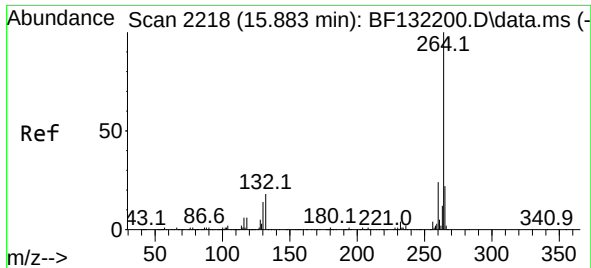
Tgt Ion:240 Resp: 510072
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 89.461 ng
RT: 13.224 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BF132216.D
Acq: 30 Jan 2023 18:01

Tgt Ion:244 Resp: 2904409
Ion Ratio Lower Upper
244 100
212 8.6 6.8 10.2
122 10.1 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.877 min Scan# 221
 Delta R.T. -0.006 min
 Lab File: BF132216.D
 Acq: 30 Jan 2023 18:01

Instrument :
 BNA_F
 ClientSampleId :
 N48965

Tgt Ion:264 Resp: 416632
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 20.9 17.4 26.2

