

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131896.D
 Acq On : 04 Jan 2023 13:27
 Operator : CG\JU
 Sample : N6242-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MM-4

Quant Time: Jan 05 05:40:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	63302	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	234130	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	134711	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	244003	20.000	ng	0.00
76) Chrysene-d12	14.009	240	123458	20.000	ng	0.00
86) Perylene-d12	15.486	264	142352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	469143	122.820	ng	0.00
7) Phenol-d6	6.451	99	611473	121.844	ng	0.00
23) Nitrobenzene-d5	7.380	82	430928	73.485	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	173495	118.537	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	761315	77.410	ng	0.00
79) Terphenyl-d14	12.951	244	706461	96.793	ng	0.00

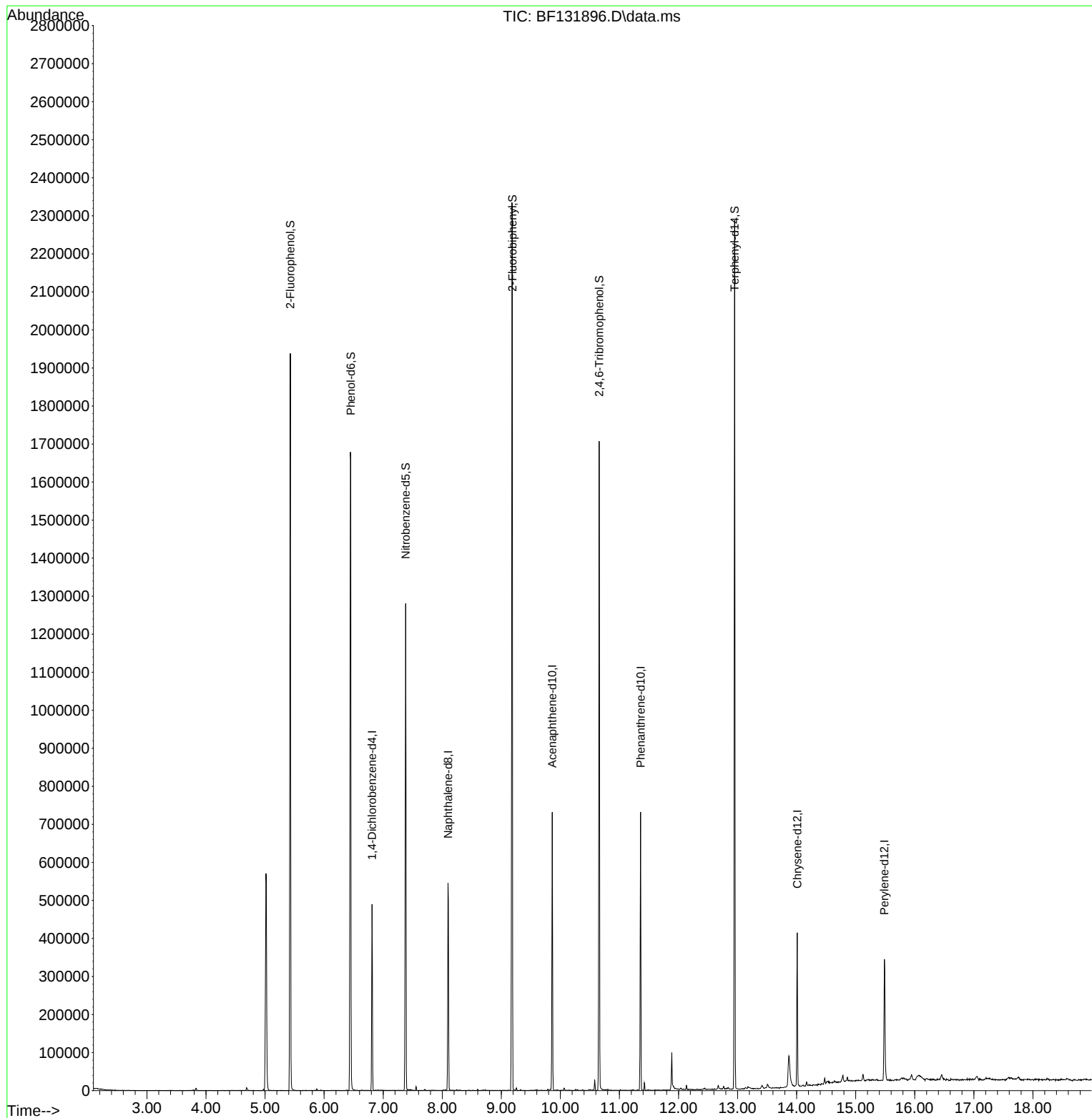
Target Compounds Qvalue

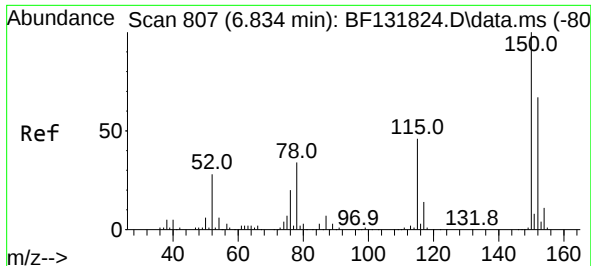
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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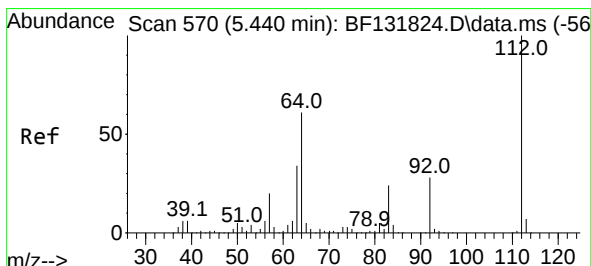
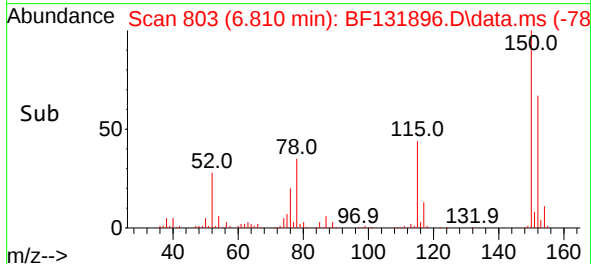
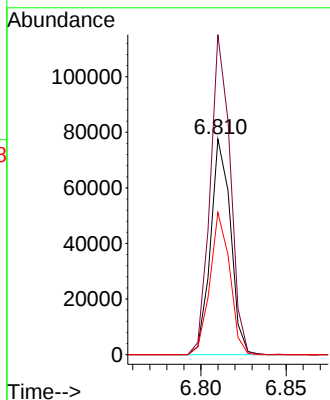
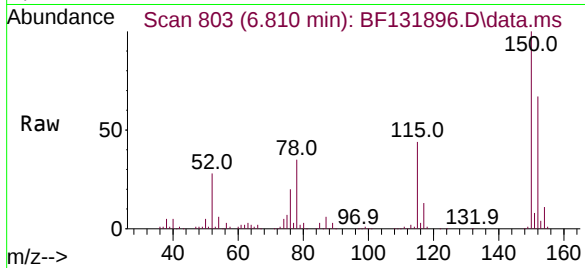




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

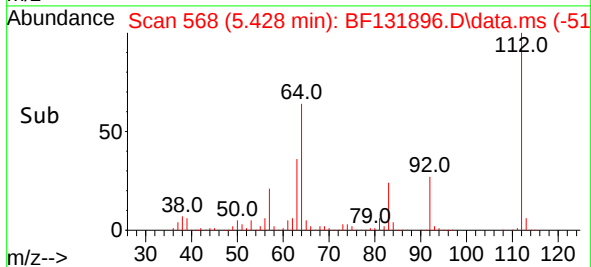
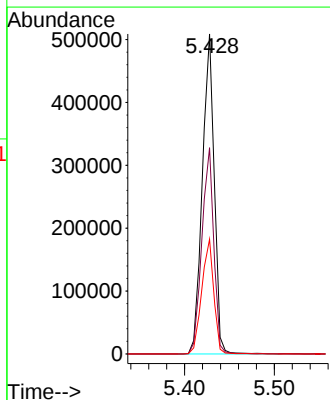
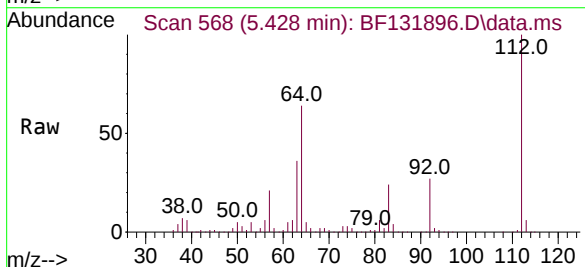
Instrument :
BNA_F
ClientSampleId :
MM-4

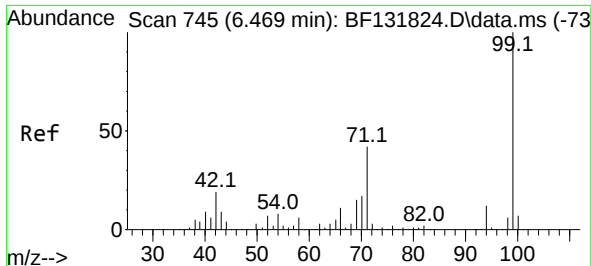
Tgt Ion:152 Resp: 63302
Ion Ratio Lower Upper
152 100
150 148.4 120.0 180.0
115 65.9 55.1 82.7



#5
2-Fluorophenol
Concen: 122.820 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Tgt Ion:112 Resp: 469143
Ion Ratio Lower Upper
112 100
64 64.5 49.2 73.8
63 35.8 27.5 41.3

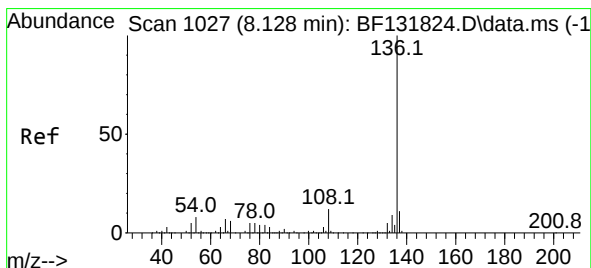
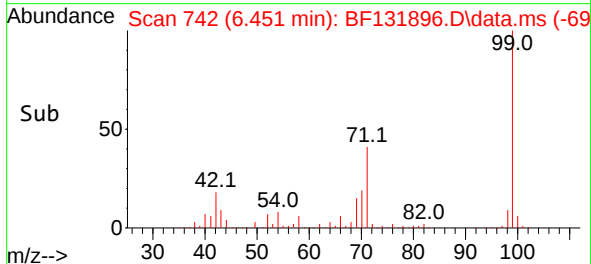
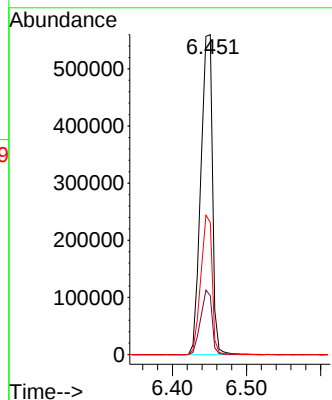
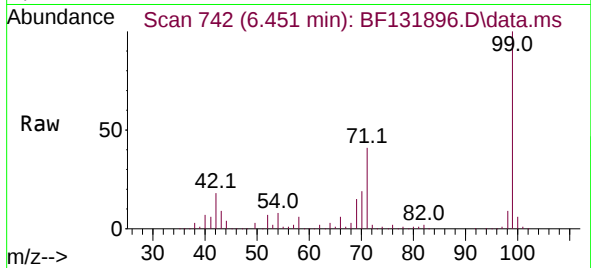




#7
Phenol-d6
Concen: 121.844 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

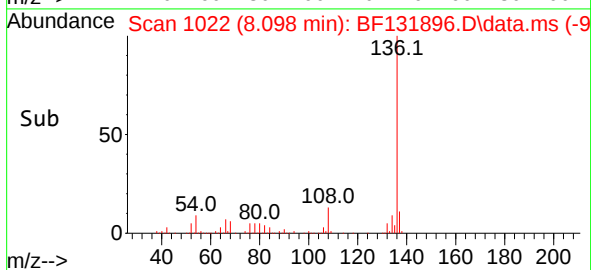
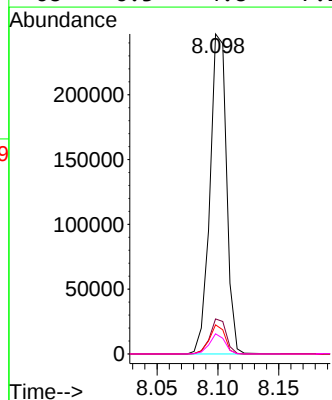
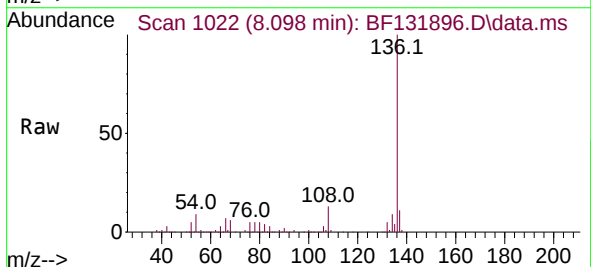
Instrument :
BNA_F
ClientSampleId :
MM-4

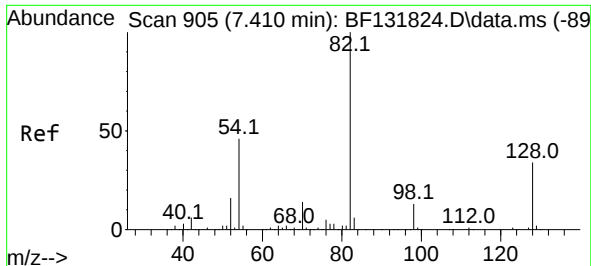
Tgt Ion: 99 Resp: 611473
Ion Ratio Lower Upper
99 100
42 18.4 15.3 22.9
71 41.3 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Tgt Ion: 136 Resp: 234130
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.1 6.7 10.1
68 6.3 4.8 7.2

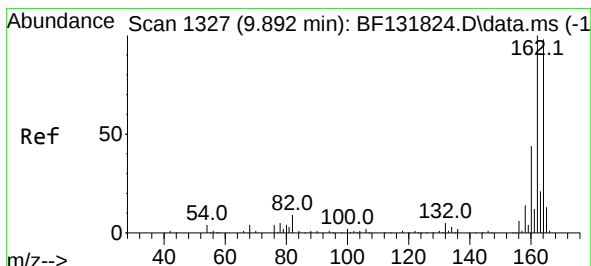
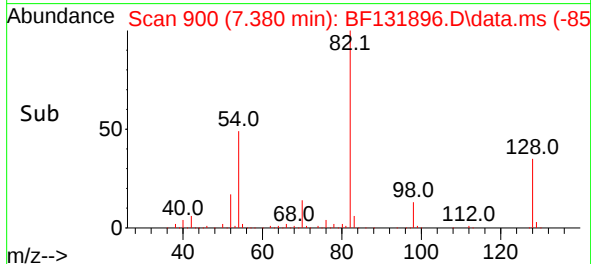
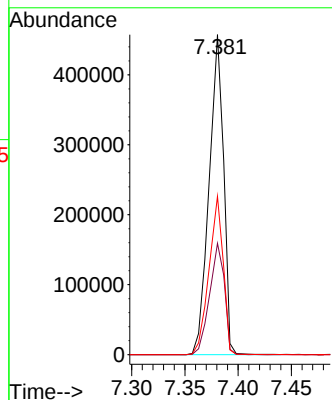
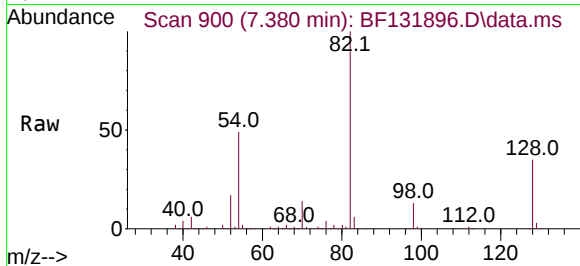




#23
Nitrobenzene-d5
Concen: 73.485 ng
RT: 7.380 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

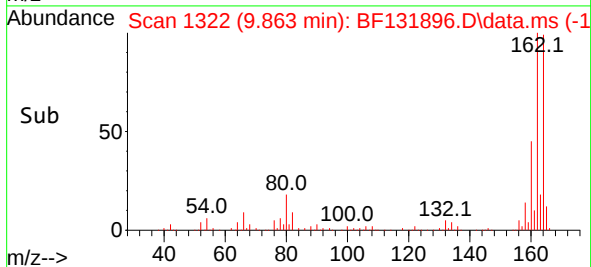
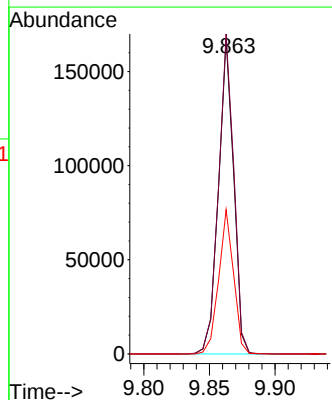
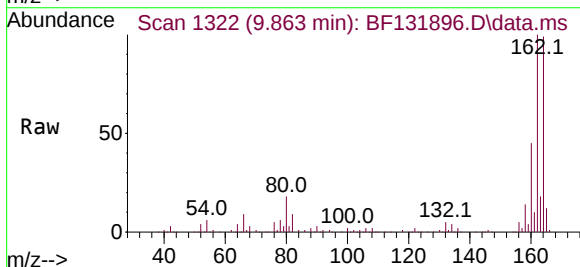
Instrument :
BNA_F
ClientSampleId :
MM-4

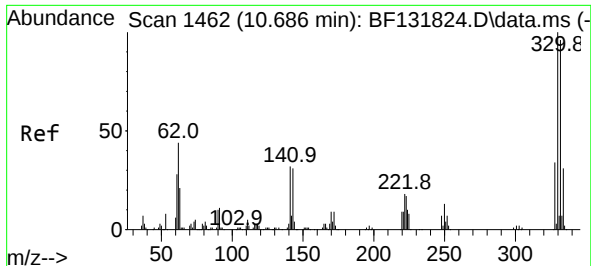
Tgt Ion: 82 Resp: 430928
Ion Ratio Lower Upper
82 100
128 34.8 27.1 40.7
54 49.5 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

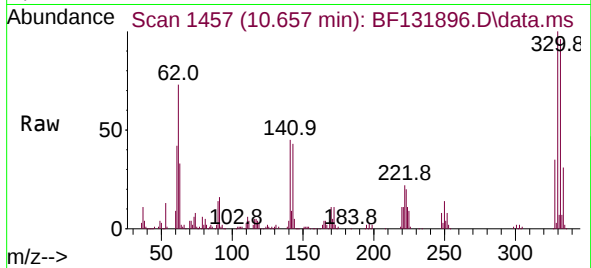
Tgt Ion: 164 Resp: 134711
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.6
160 45.8 35.7 53.5



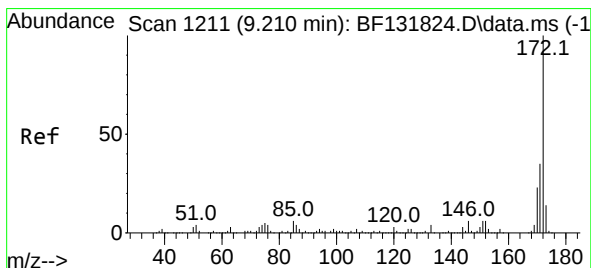
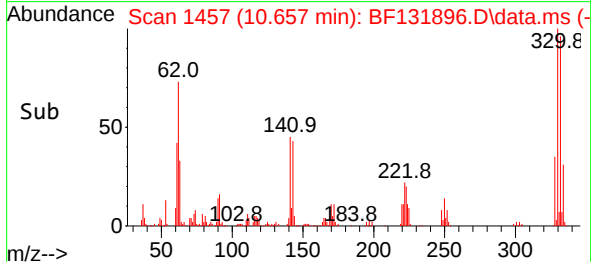
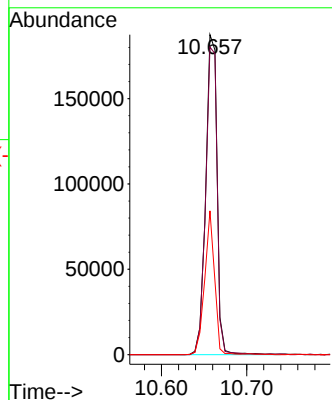


#42
2,4,6-Tribromophenol
Concen: 118.537 ng
RT: 10.657 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Instrument :
BNA_F
ClientSampleId :
MM-4

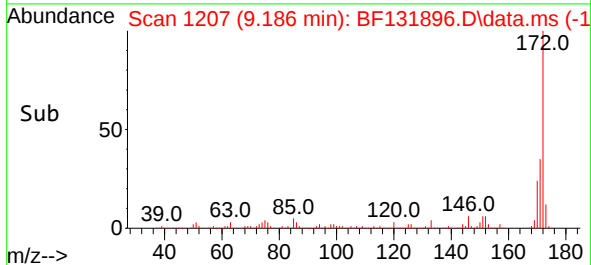
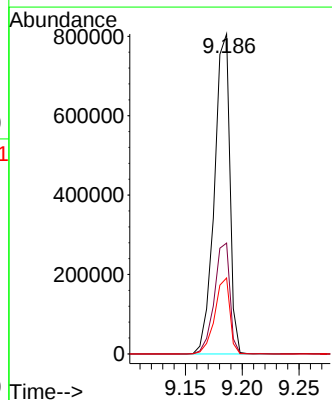
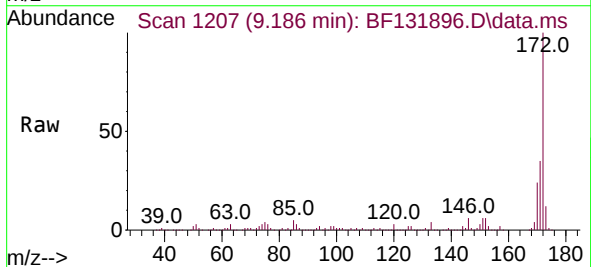


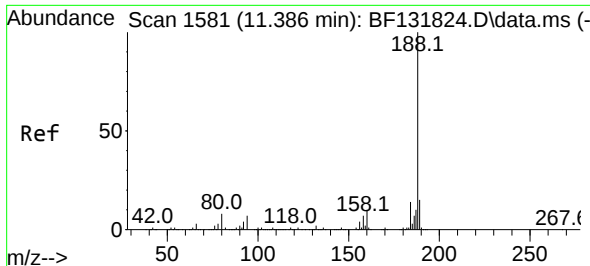
Tgt Ion: 330 Resp: 173495
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 39.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 77.410 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

Tgt Ion: 172 Resp: 761315
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.7 18.7 28.1

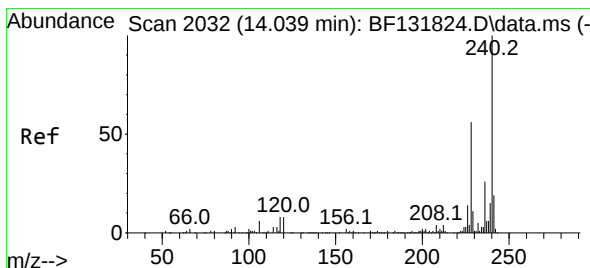
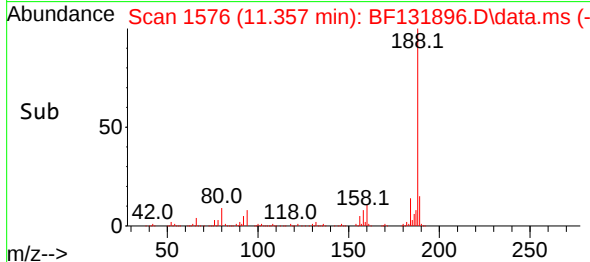
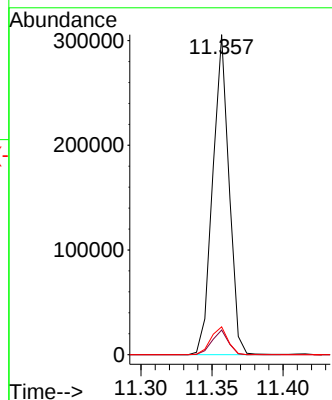
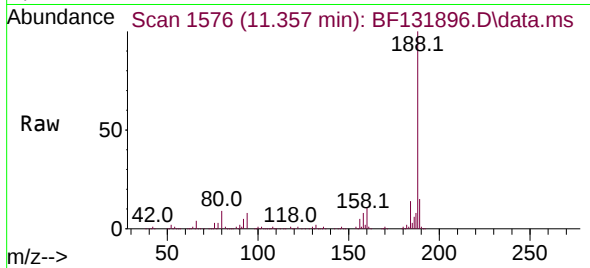




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

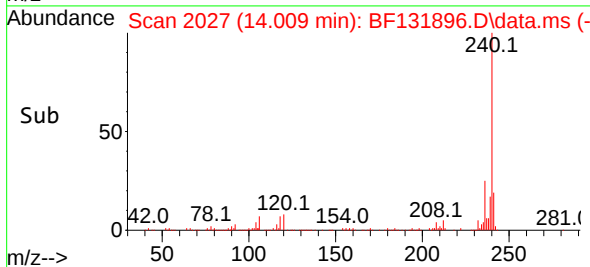
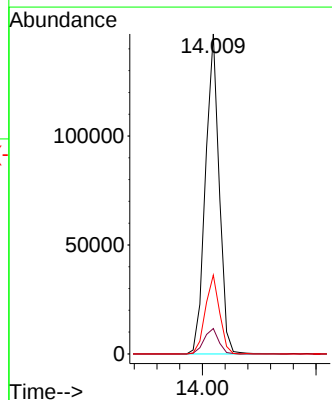
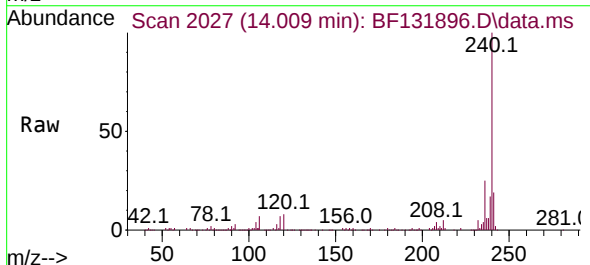
Instrument :
BNA_F
ClientSampleId :
MM-4

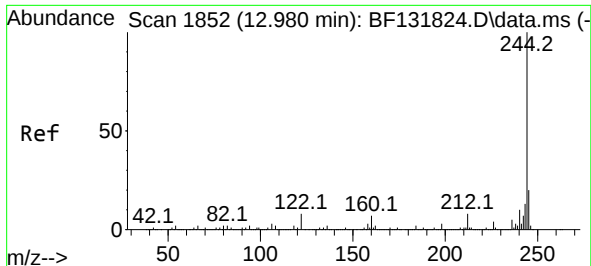
Tgt Ion:188 Resp: 244003
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.7 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131896.D
Acq: 04 Jan 2023 13:27

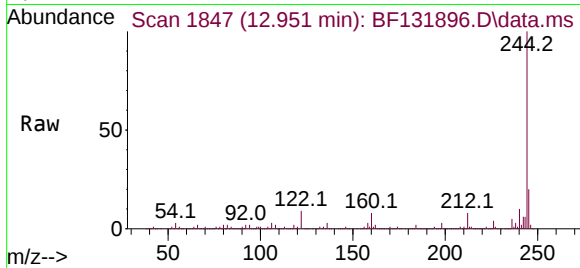
Tgt Ion:240 Resp: 123458
Ion Ratio Lower Upper
240 100
120 7.9 6.7 10.1
236 24.7 20.6 31.0



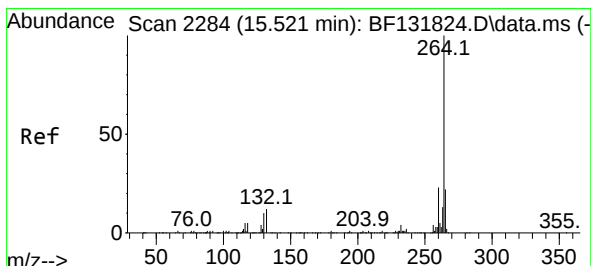
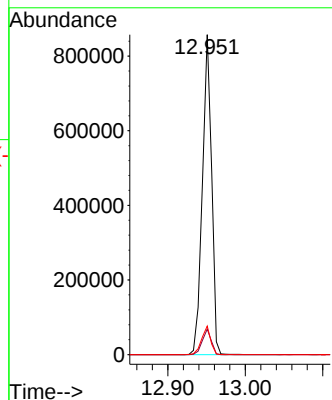
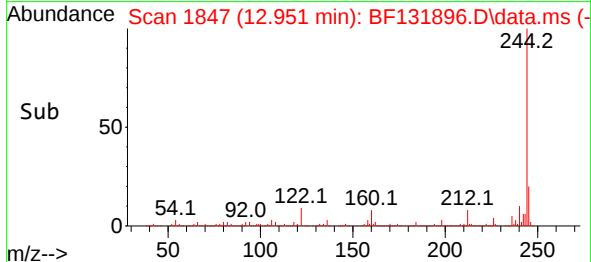


#79
 Terphenyl-d14
 Concen: 96.793 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131896.D
 Acq: 04 Jan 2023 13:27

Instrument :
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 ClientSampleId :
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Tgt Ion:	244	Resp:	706461
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	8.9	6.4	9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF131896.D
 Acq: 04 Jan 2023 13:27

Tgt Ion:	264	Resp:	142352
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.6	28.0
265	21.9	17.4	26.0

