

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132343.D
 Acq On : 07 Feb 2023 14:23
 Operator : CG\JU
 Sample : 01442-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02

Quant Time: Feb 08 03:57:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

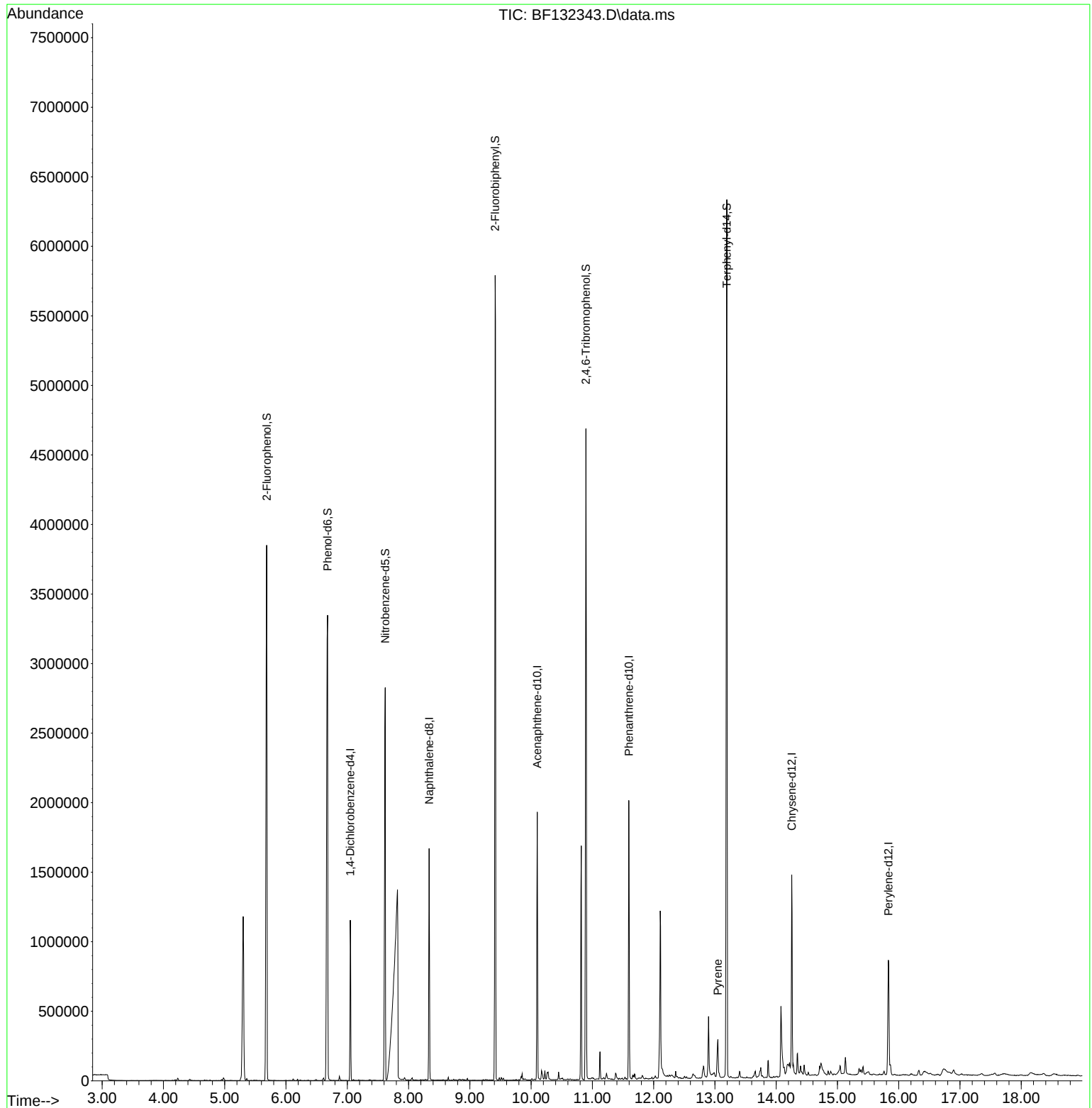
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	180864	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	675064	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	360304	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	706458	20.000	ng	0.00
76) Chrysene-d12	14.254	240	462149	20.000	ng	-0.01
86) Perylene-d12	15.830	264	393986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1446038	128.514	ng	0.02
7) Phenol-d6	6.678	99	1741627	125.549	ng	0.00
23) Nitrobenzene-d5	7.619	82	1049365	86.502	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	668402	180.394	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1901503	81.498	ng	0.00
79) Terphenyl-d14	13.195	244	2363783	98.940	ng	0.00
Target Compounds						
78) Pyrene	13.048	202	156818	4.219	ng	Qvalue 98

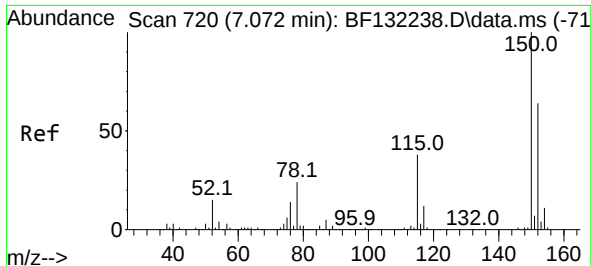
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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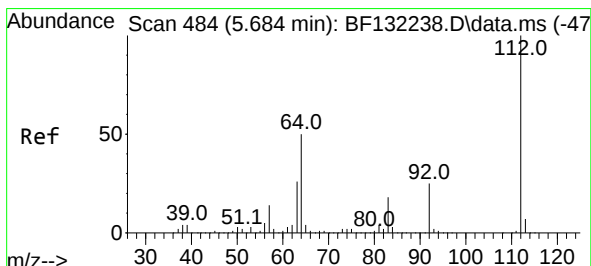
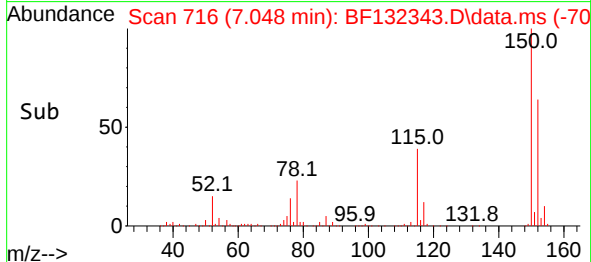
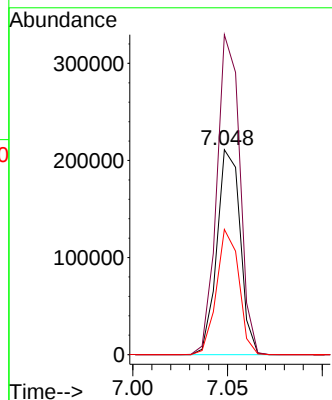
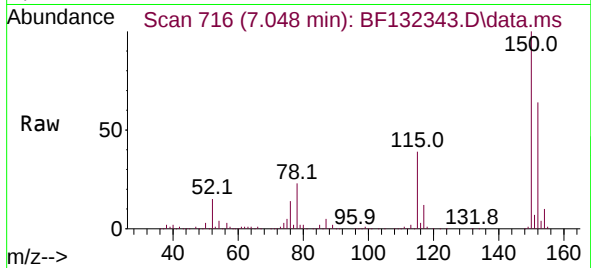




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132343.D
 Acq: 07 Feb 2023 14:23

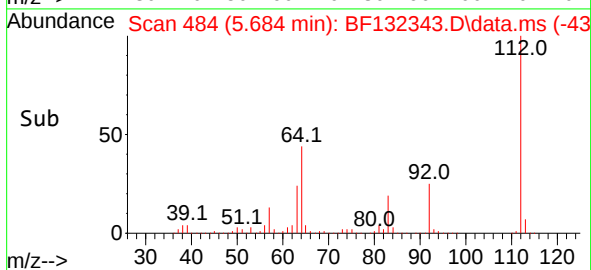
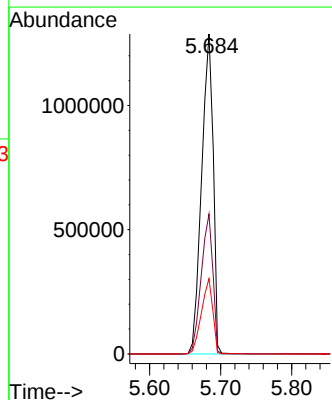
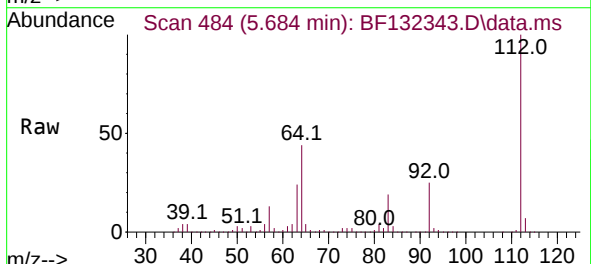
Instrument :
 BNA_F
 ClientSampleId :
 B-01-SB02

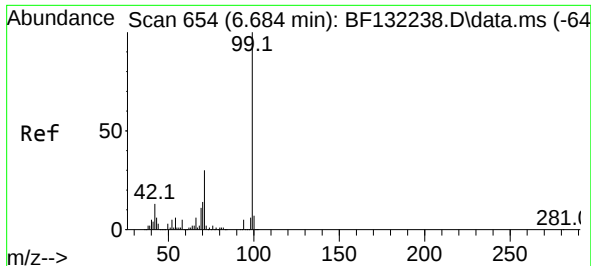
Tgt Ion:152 Resp: 180864
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.2 186.2
 115 61.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 128.514 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.018 min
 Lab File: BF132343.D
 Acq: 07 Feb 2023 14:23

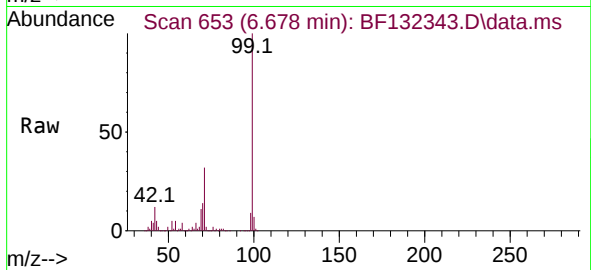
Tgt Ion:112 Resp: 1446038
 Ion Ratio Lower Upper
 112 100
 64 43.7 40.0 60.0
 63 23.5 20.5 30.7





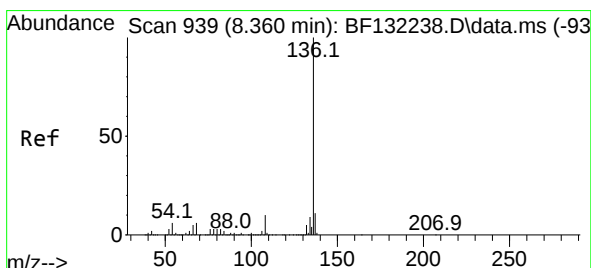
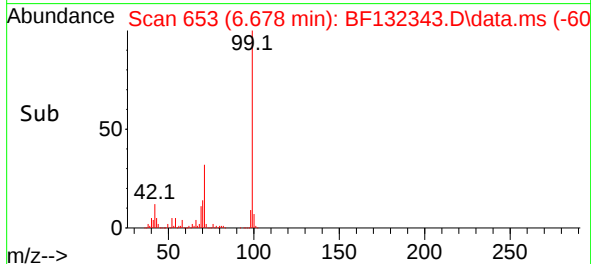
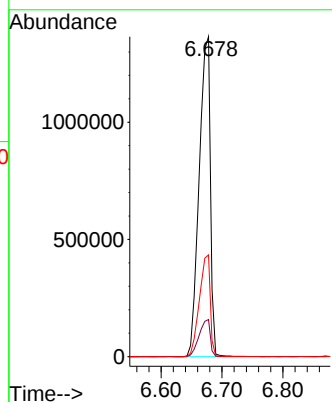
#7
Phenol-d6
Concen: 125.549 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Instrument :
BNA_F
ClientSampleId :
B-01-SB02



Tgt Ion: 99 Resp: 1741627

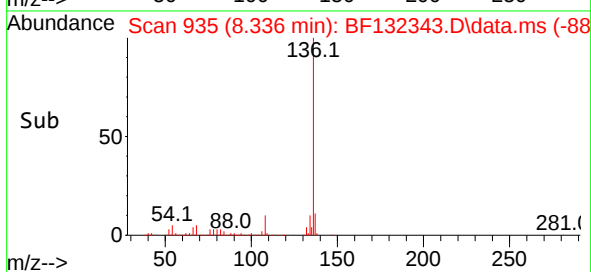
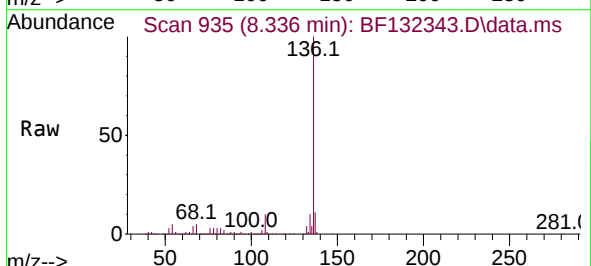
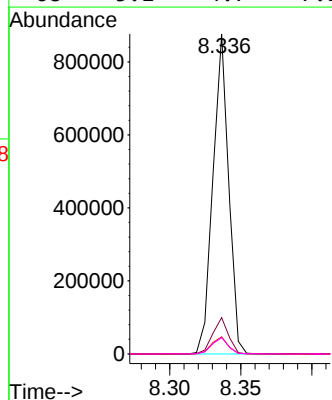
Ion	Ratio	Lower	Upper
99	100		
42	11.6	10.1	15.1
71	31.8	24.2	36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Tgt Ion:136 Resp: 675064

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.3	4.9	7.3
68	5.1	4.7	7.1

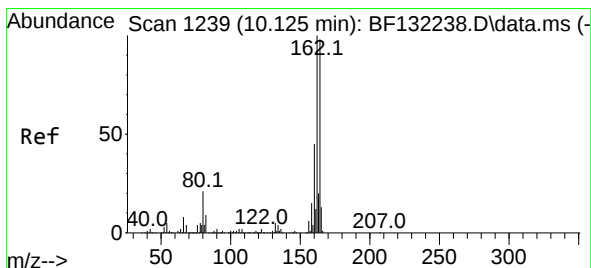
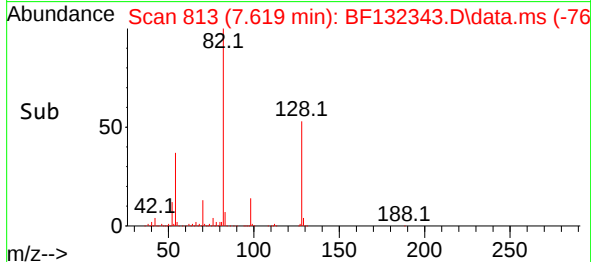
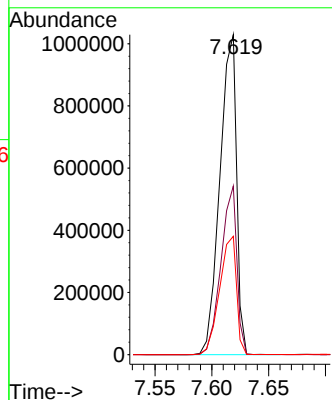
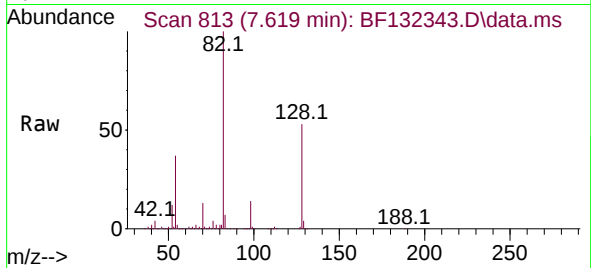




#23
Nitrobenzene-d5
Concen: 86.502 ng
RT: 7.619 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

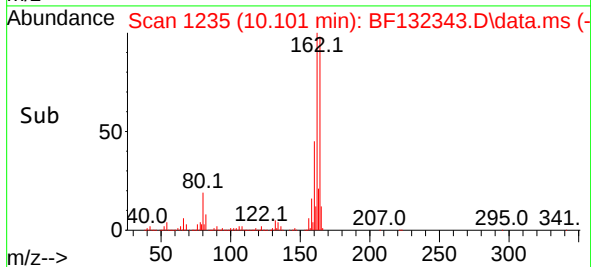
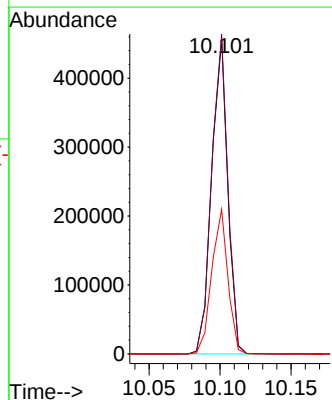
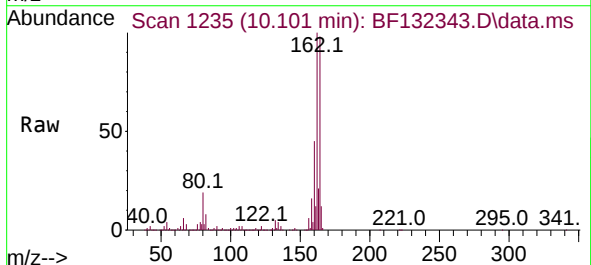
Instrument :
BNA_F
ClientSampleId :
B-01-SB02

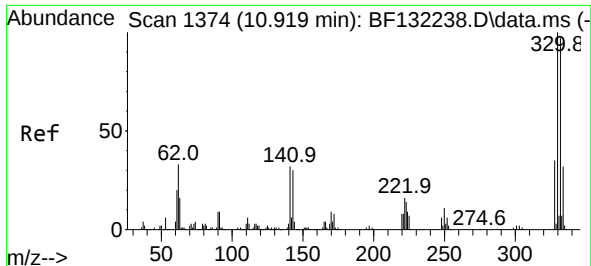
Tgt Ion: 82 Resp: 1049365
Ion Ratio Lower Upper
82 100
128 52.7 37.0 55.4
54 37.0 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Tgt Ion:164 Resp: 360304
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 46.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 180.394 ng

RT: 10.895 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

Instrument :

BNA_F

ClientSampleId :

B-01-SB02

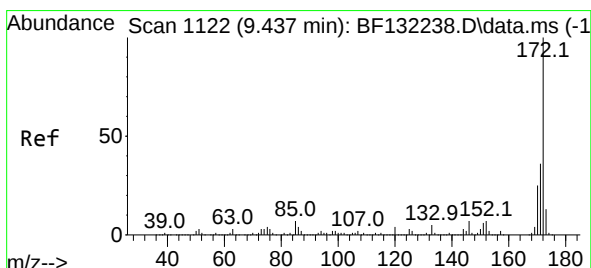
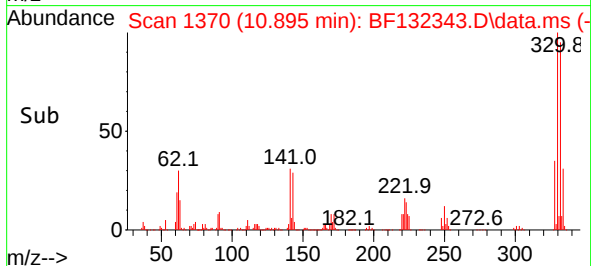
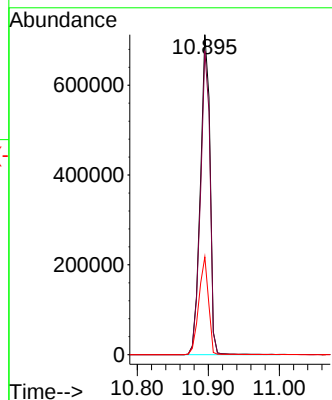
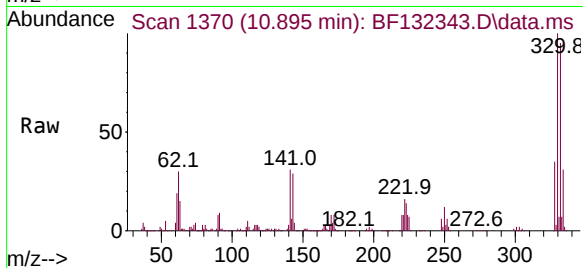
Tgt Ion:330 Resp: 668402

Ion Ratio Lower Upper

330 100

332 94.4 77.9 116.9

141 30.6 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 81.498 ng

RT: 9.413 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132343.D

Acq: 07 Feb 2023 14:23

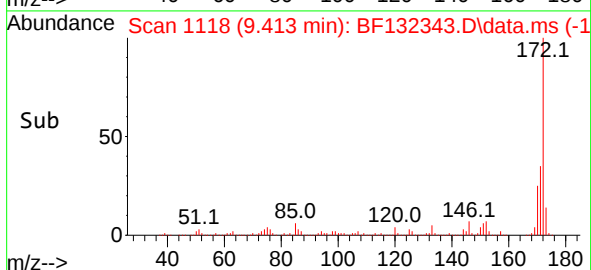
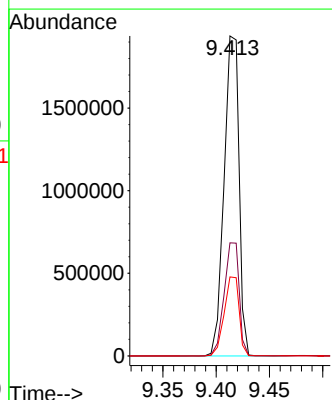
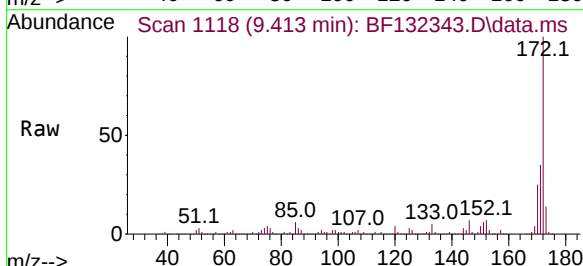
Tgt Ion:172 Resp: 1901503

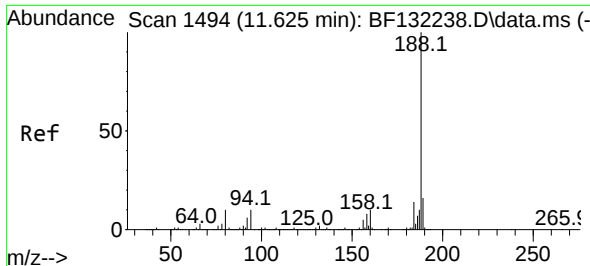
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.7 19.7 29.5

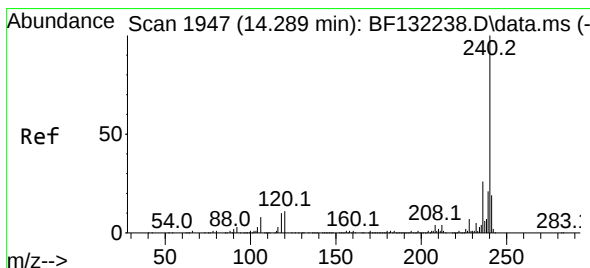
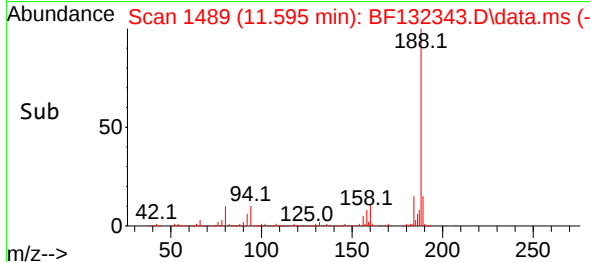
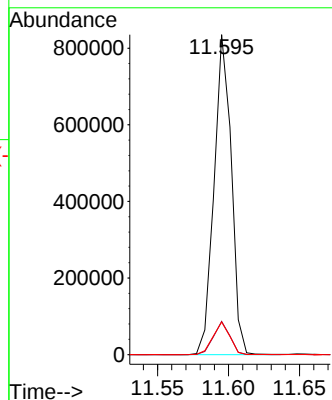
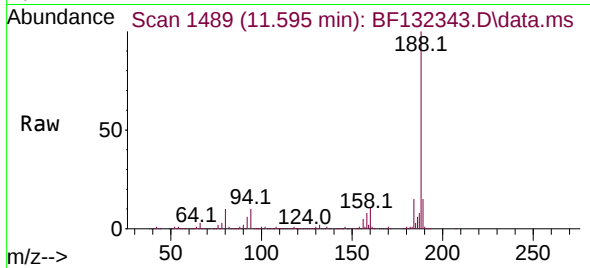




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

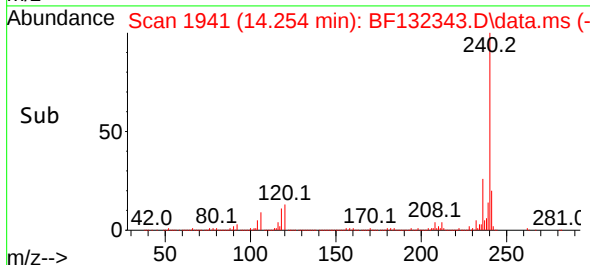
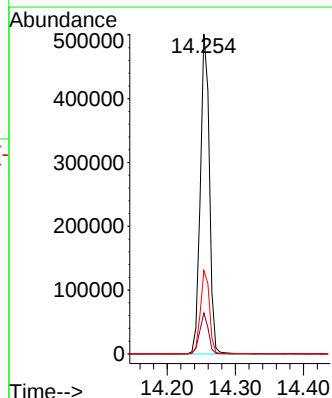
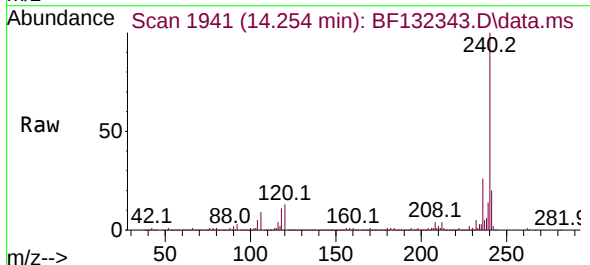
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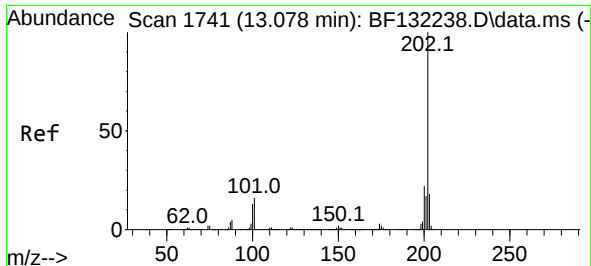
Tgt Ion:188 Resp: 706458
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BF132343.D
Acq: 07 Feb 2023 14:23

Tgt Ion:240 Resp: 462149
Ion Ratio Lower Upper
240 100
120 12.8 8.8 13.2
236 26.0 21.0 31.6

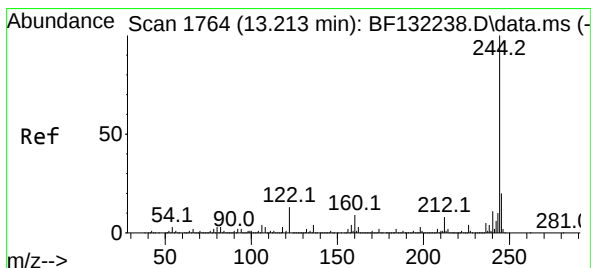
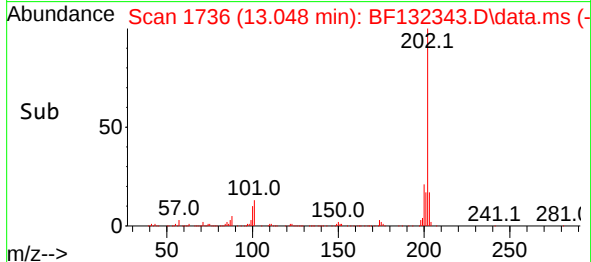
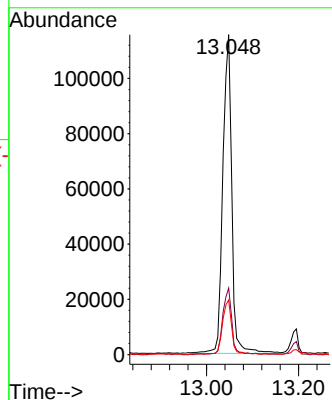
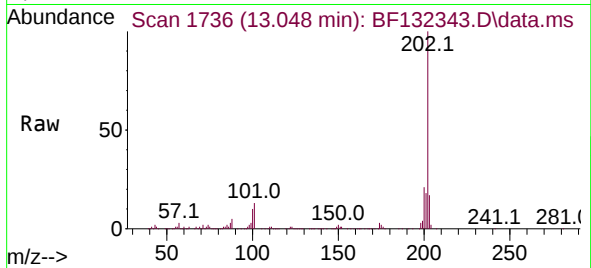




#78
 Pyrene
 Concen: 4.219 ng
 RT: 13.048 min Scan# 1736
 Delta R.T. -0.012 min
 Lab File: BF132343.D
 Acq: 07 Feb 2023 14:23

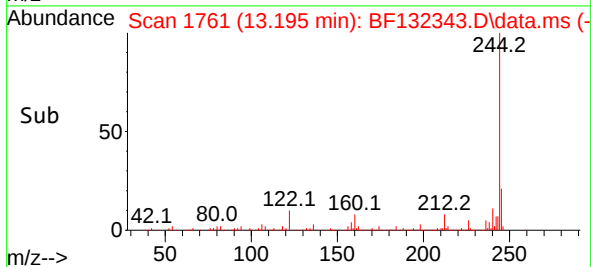
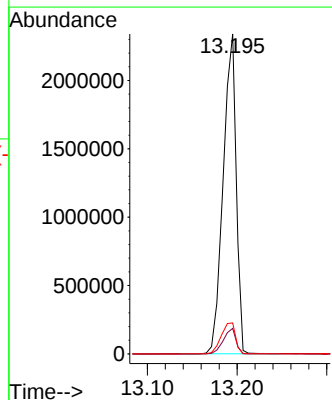
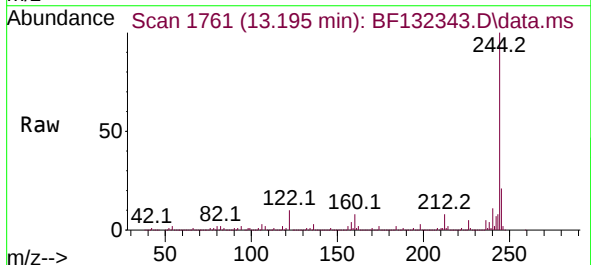
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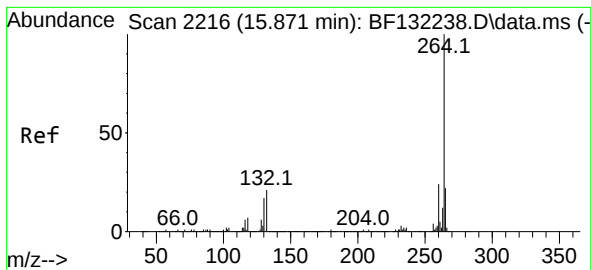
Tgt Ion:202 Resp: 156818
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.3 25.9
 203 17.1 14.4 21.6



#79
 Terphenyl-d14
 Concen: 98.940 ng
 RT: 13.195 min Scan# 1761
 Delta R.T. -0.000 min
 Lab File: BF132343.D
 Acq: 07 Feb 2023 14:23

Tgt Ion:244 Resp: 2363783
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 9.7 10.5 15.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.830 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132343.D

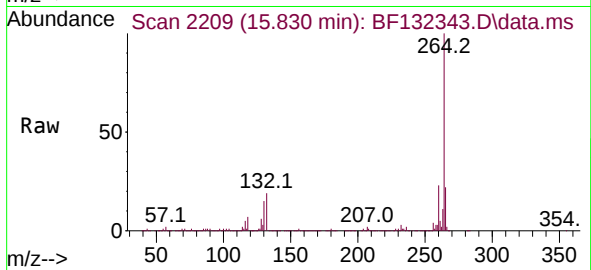
Acq: 07 Feb 2023 14:23

Instrument :

BNA_F

ClientSampleId :

B-01-SB02



Tgt Ion:264 Resp: 393986

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.7 17.4 26.2

