

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
 Data File : BF132105.D
 Acq On : 17 Jan 2023 21:16
 Operator : CG\JU
 Sample : PB150209BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150209BL

Quant Time: Jan 18 05:49:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:47:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	215492	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	796180	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	447882	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	921185	20.000	ng	0.00
76) Chrysene-d12	14.312	240	652397	20.000	ng	0.00
86) Perylene-d12	15.912	264	443256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.742	112	1559291	129.476	ng	0.02
7) Phenol-d6	6.713	99	2084271	134.172	ng	0.00
23) Nitrobenzene-d5	7.666	82	1425912	100.133	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	676603	149.241	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2309637	77.238	ng	0.00
79) Terphenyl-d14	13.254	244	3020949	78.057	ng	0.00

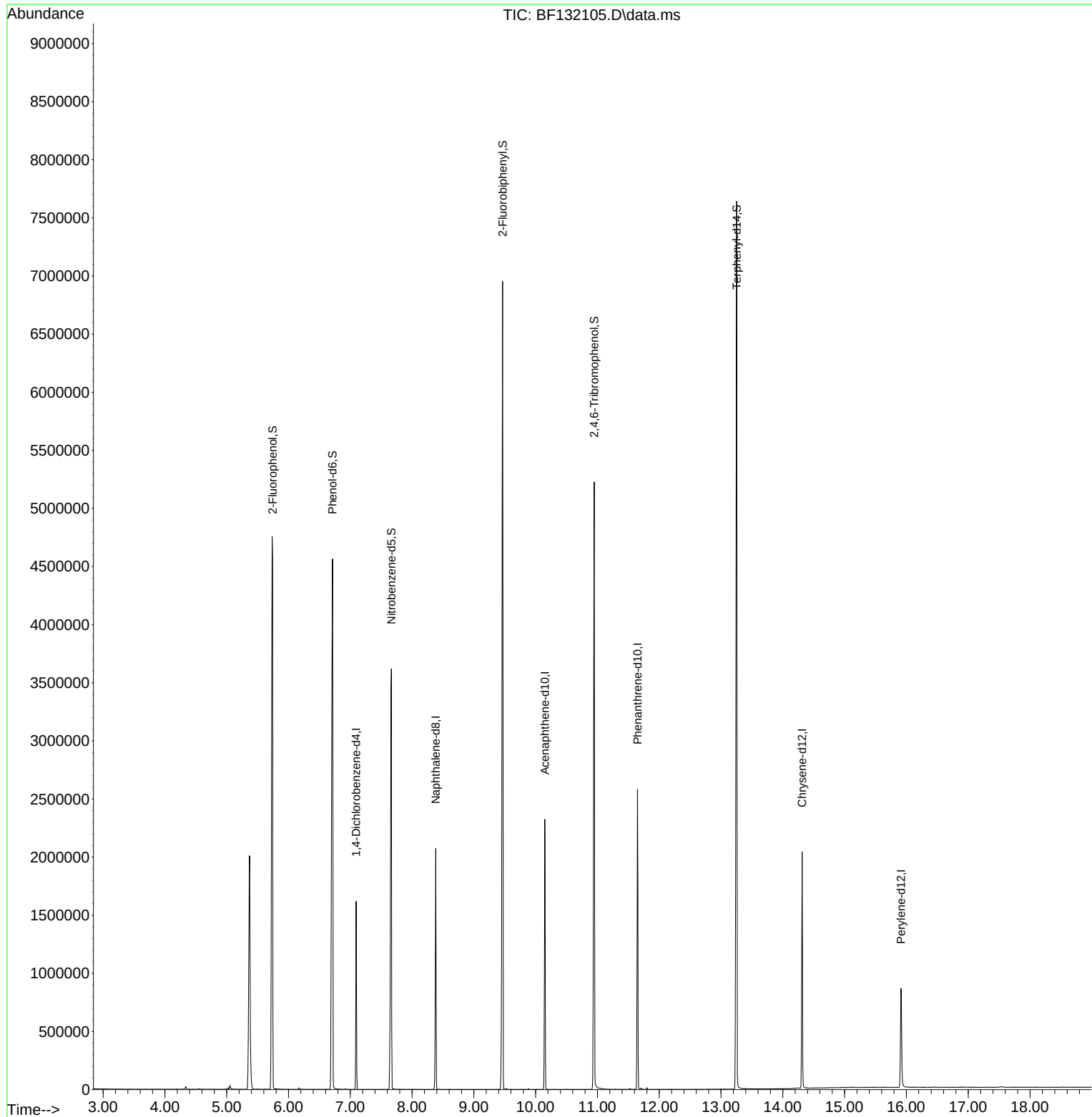
Target Compounds	Qvalue

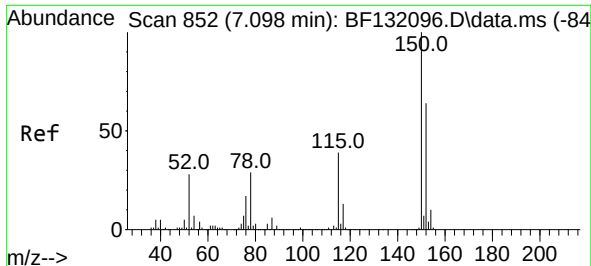
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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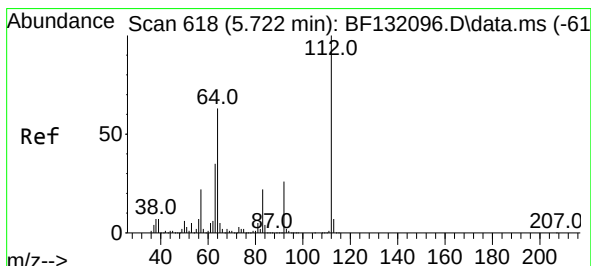
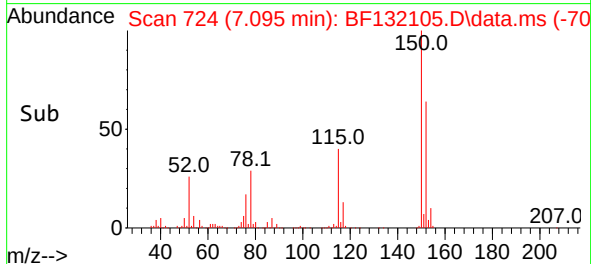
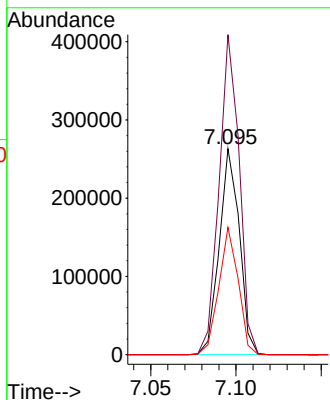
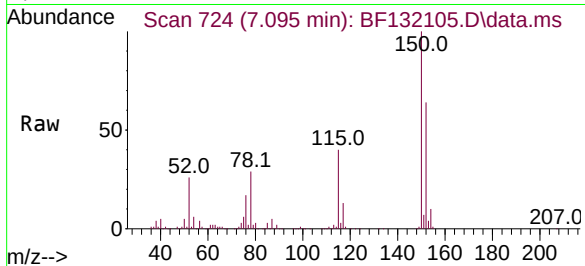




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

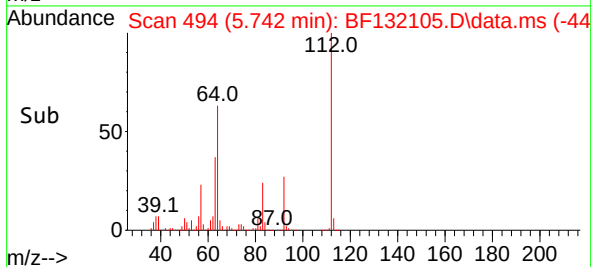
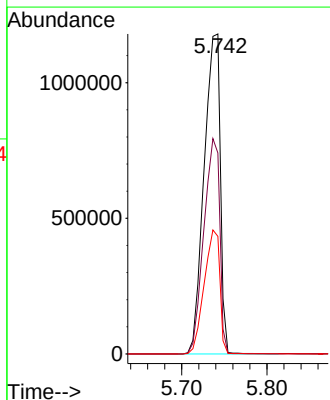
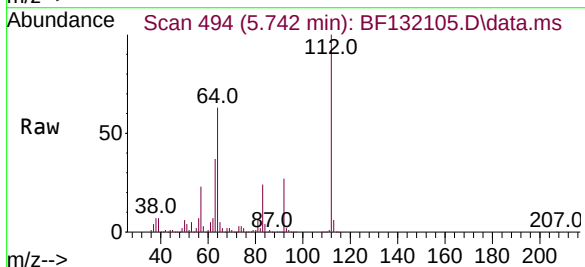
Instrument :
BNA_F
ClientSampleId :
PB150209BL

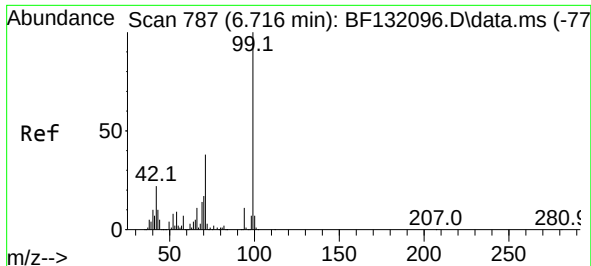
Tgt Ion:152 Resp: 215492
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 61.9 49.1 73.7



#5
2-Fluorophenol
Concen: 129.476 ng
RT: 5.742 min Scan# 494
Delta R.T. 0.020 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion:112 Resp: 1559291
Ion Ratio Lower Upper
112 100
64 62.8 50.5 75.7
63 36.7 28.0 42.0



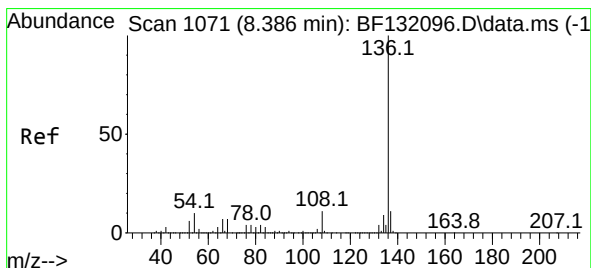
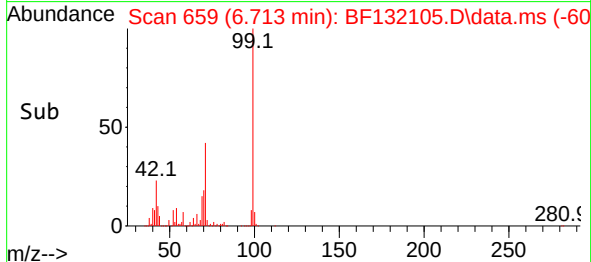
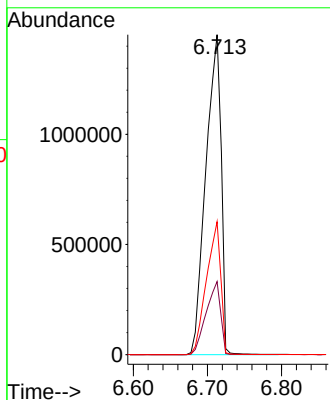
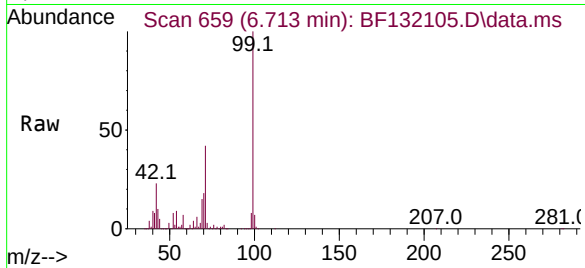


#7
Phenol-d6
Concen: 134.172 ng
RT: 6.713 min Scan# 61
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Instrument :
BNA_F
ClientSampleId :
PB150209BL

Tgt Ion: 99 Resp: 2084271

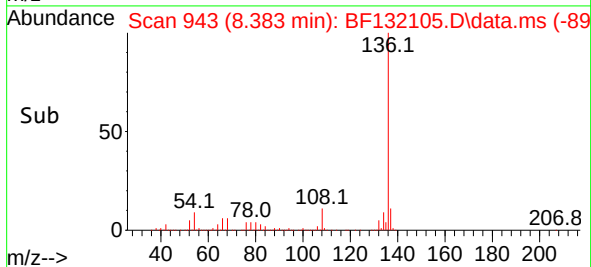
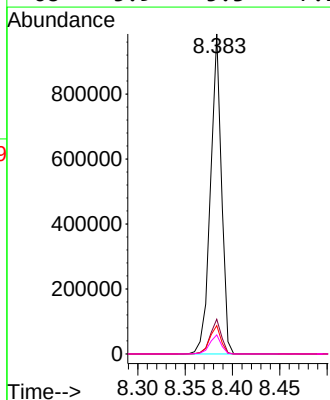
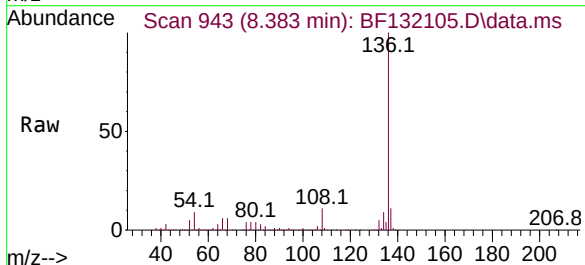
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.2	25.8
71	41.5	30.4	45.6

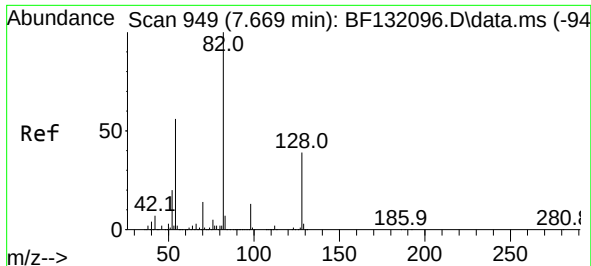


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 943
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion:136 Resp: 796180

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.8	7.9	11.9
68	5.9	5.3	7.9

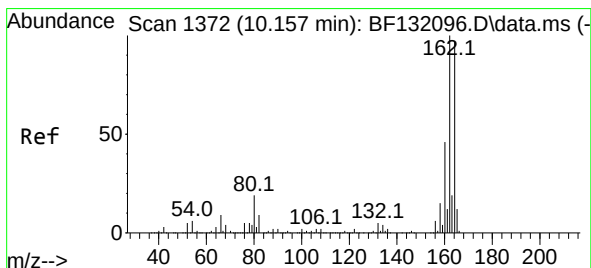
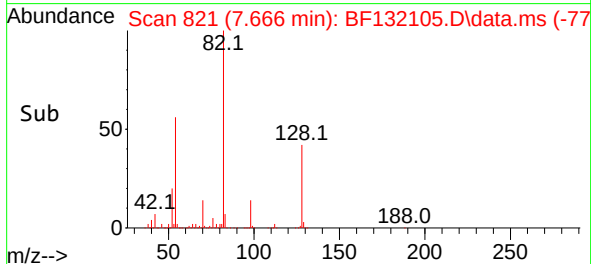
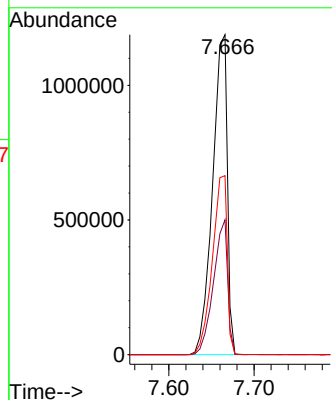
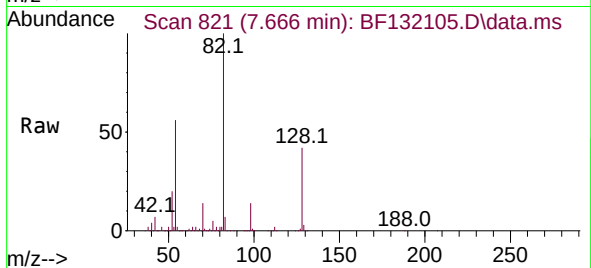




#23
Nitrobenzene-d5
Concen: 100.133 ng
RT: 7.666 min Scan# 81
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

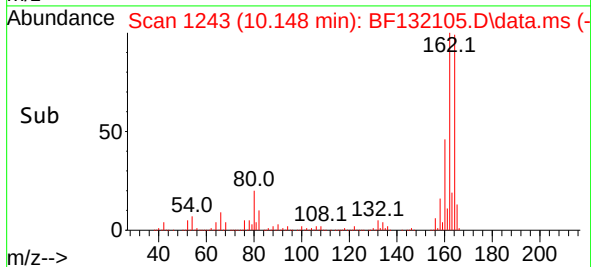
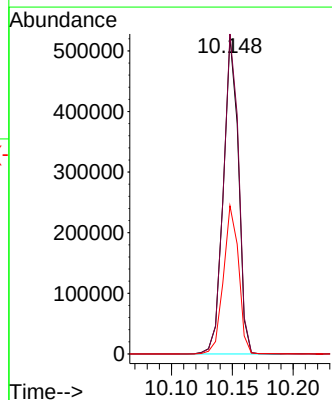
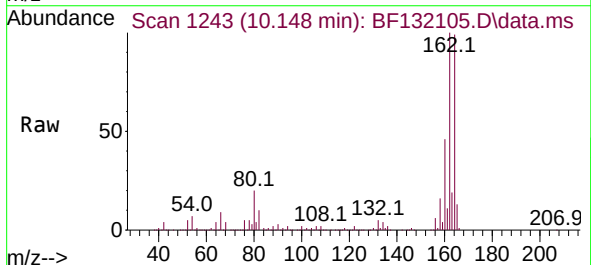
Instrument :
BNA_F
ClientSampleId :
PB150209BL

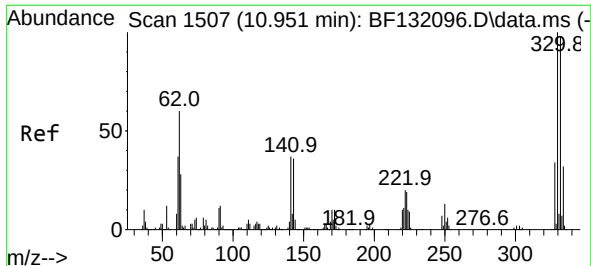
Tgt Ion: 82 Resp: 1425912
Ion Ratio Lower Upper
82 100
128 42.1 31.2 46.8
54 55.9 45.1 67.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.009 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion:164 Resp: 447882
Ion Ratio Lower Upper
164 100
162 101.1 82.5 123.7
160 46.8 38.2 57.2

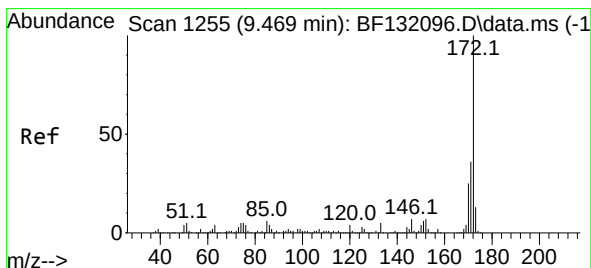
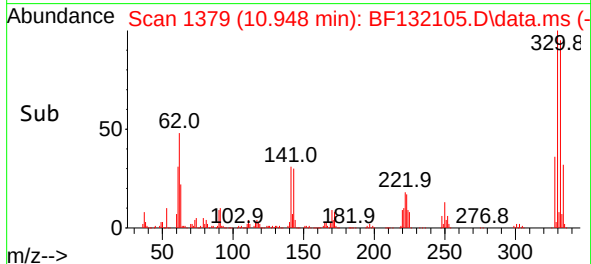
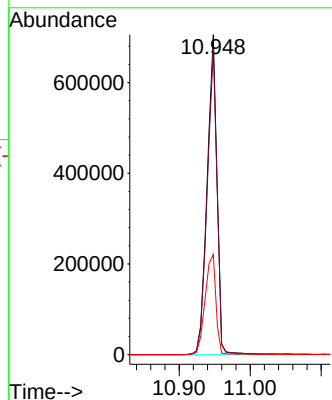
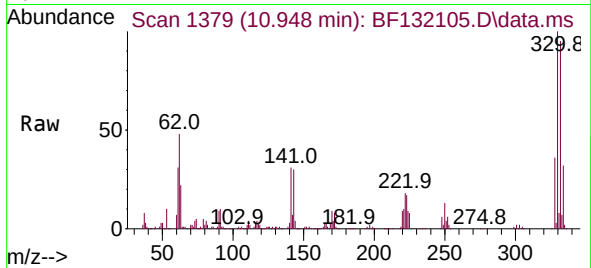




#42
2,4,6-Tribromophenol
Concen: 149.241 ng
RT: 10.948 min Scan# 111
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

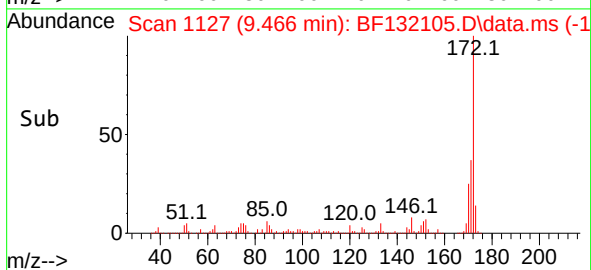
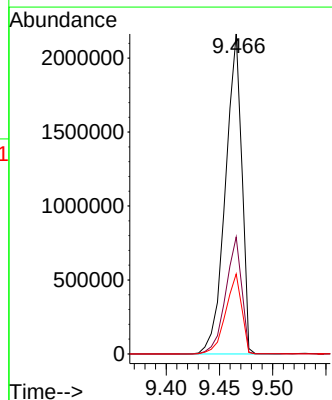
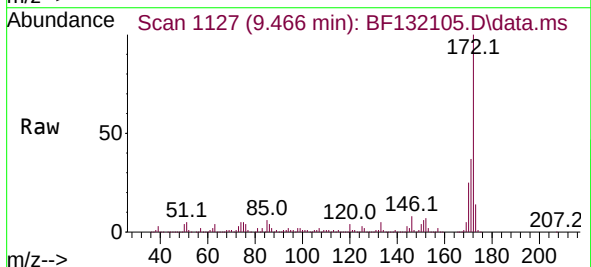
Instrument :
BNA_F
ClientSampleId :
PB150209BL

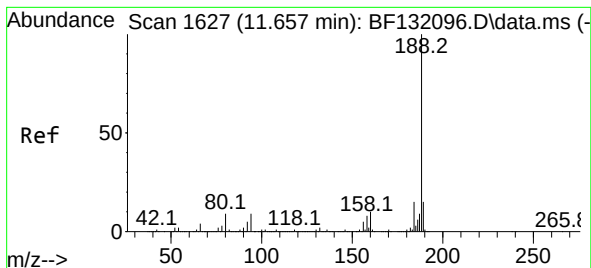
Tgt Ion:330 Resp: 676603
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 34.4 29.4 44.0



#45
2-Fluorobiphenyl
Concen: 77.238 ng
RT: 9.466 min Scan# 1127
Delta R.T. -0.003 min
Lab File: BF132105.D
Acq: 17 Jan 2023 21:16

Tgt Ion:172 Resp: 2309637
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 25.0 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.648 min Scan# 1498

Delta R.T. -0.009 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

Instrument :

BNA_F

ClientSampleId :

PB150209BL

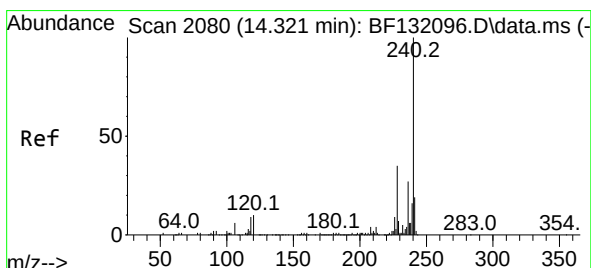
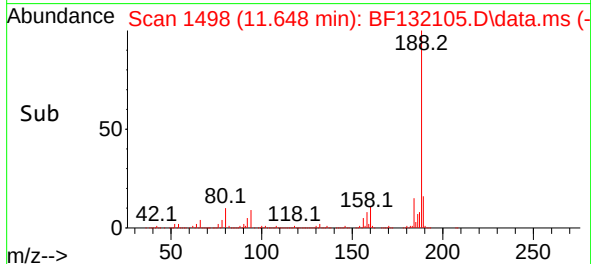
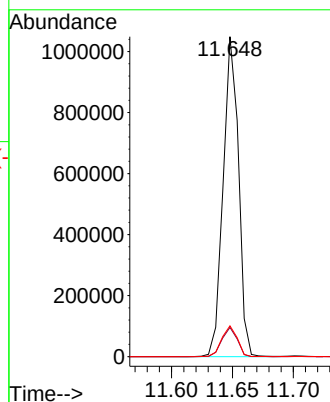
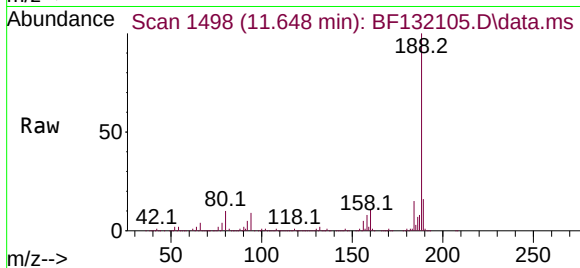
Tgt Ion:188 Resp: 921185

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.6 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.312 min Scan# 1951

Delta R.T. -0.009 min

Lab File: BF132105.D

Acq: 17 Jan 2023 21:16

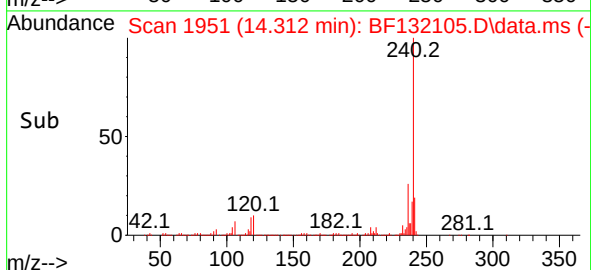
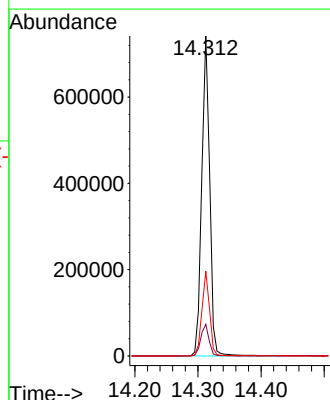
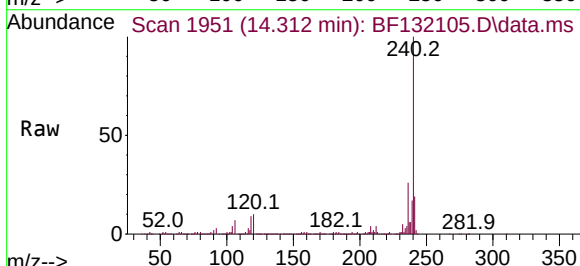
Tgt Ion:240 Resp: 652397

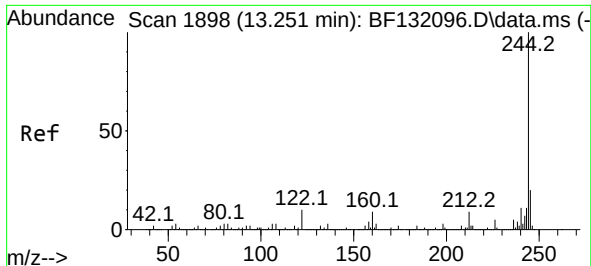
Ion Ratio Lower Upper

240 100

120 9.9 7.8 11.8

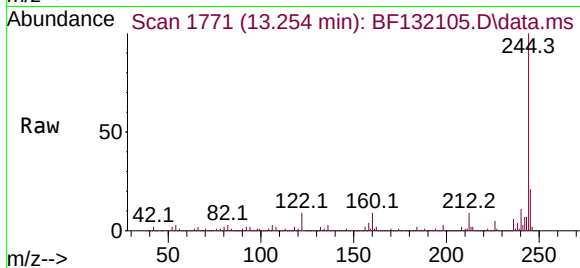
236 26.5 21.3 31.9





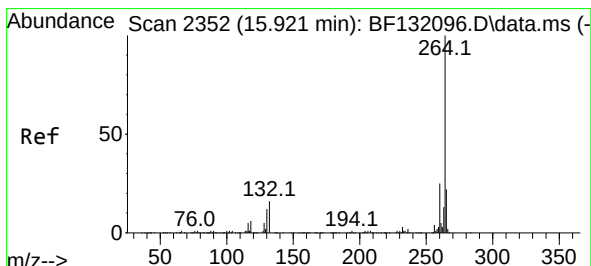
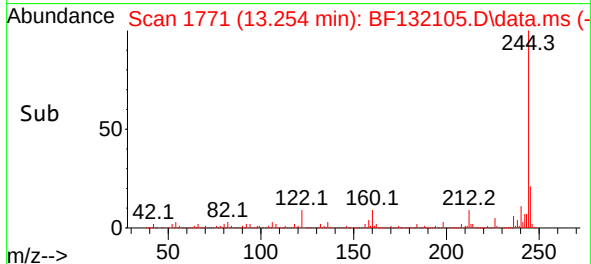
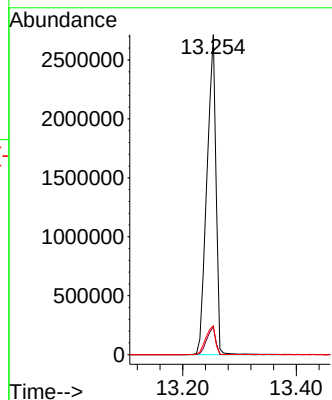
#79
 Terphenyl-d14
 Concen: 78.057 ng
 RT: 13.254 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BF132105.D
 Acq: 17 Jan 2023 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB150209BL



Tgt Ion:244 Resp: 3020949

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.1	10.7
122	9.0	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.912 min Scan# 2223
 Delta R.T. -0.009 min
 Lab File: BF132105.D
 Acq: 17 Jan 2023 21:16

Tgt Ion:264 Resp: 443256

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.7	29.5
265	21.8	17.3	25.9

