

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132606.D
 Acq On : 02 Mar 2023 14:05
 Operator : CG\JU
 Sample : PB151132BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151132BL

Quant Time: Mar 02 14:38:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	215006	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	805538	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	450998	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	894850	20.000	ng	0.00
76) Chrysene-d12	14.204	240	660037	20.000	ng	# 0.00
86) Perylene-d12	15.763	264	549547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1520225	114.754	ng	0.00
7) Phenol-d6	6.628	99	1947293	112.629	ng	0.00
23) Nitrobenzene-d5	7.569	82	1279569	75.364	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	568302	116.680	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2068004	69.820	ng	0.00
79) Terphenyl-d14	13.145	244	2751177	70.474	ng	0.00

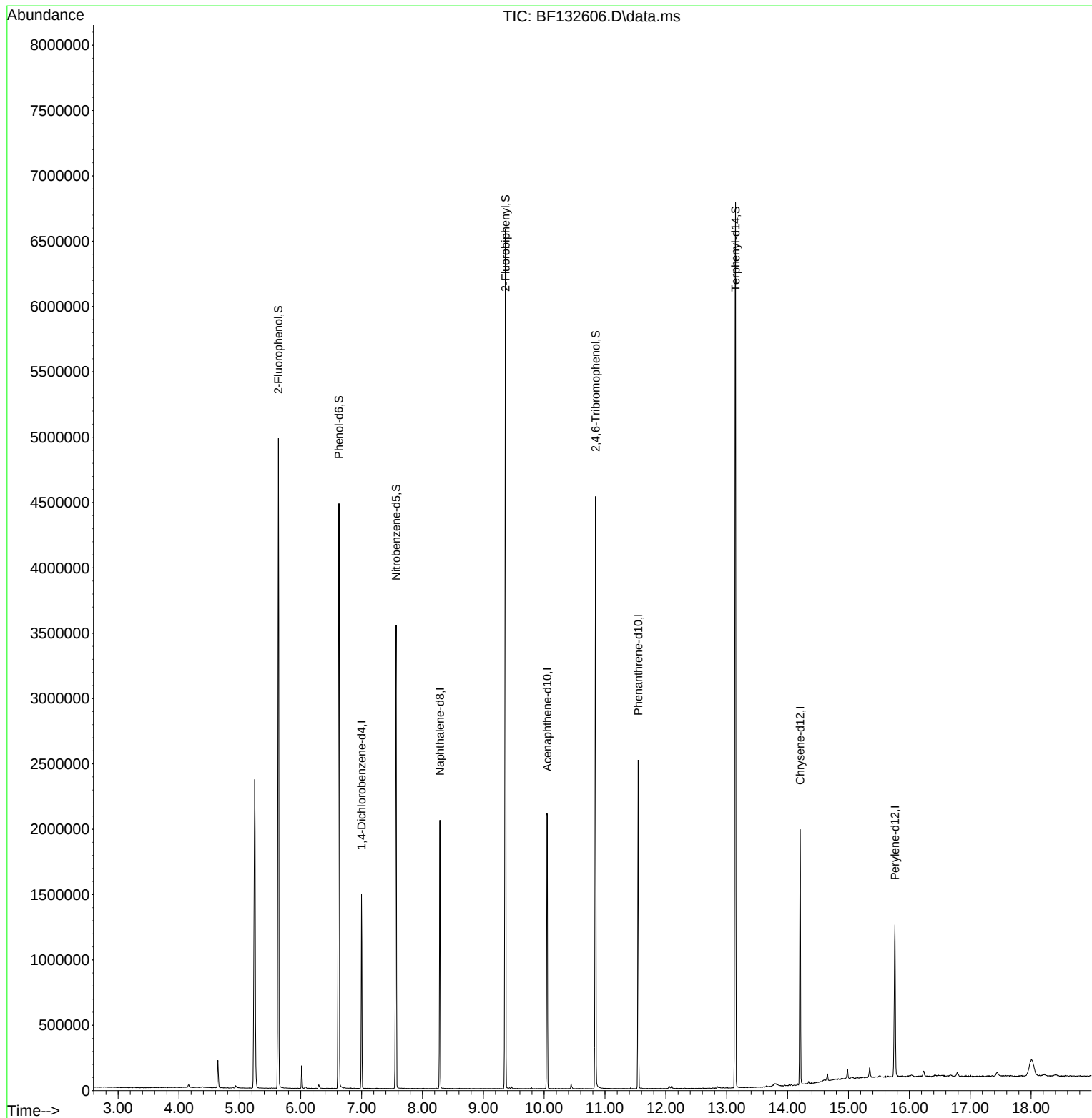
Target Compounds	Qvalue

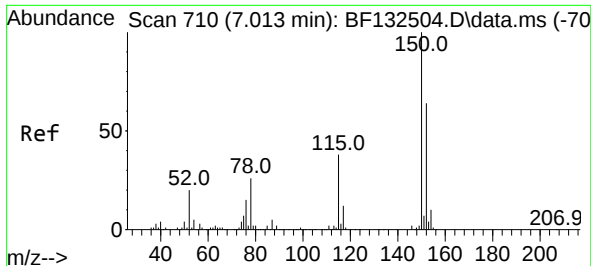
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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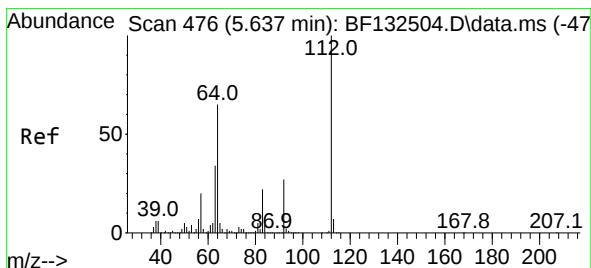
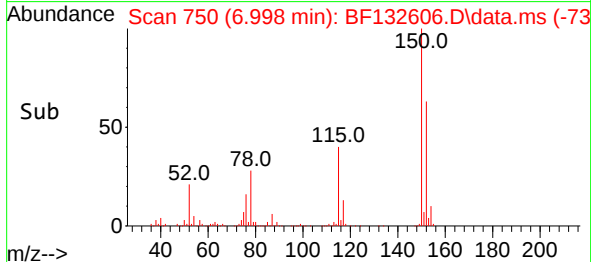
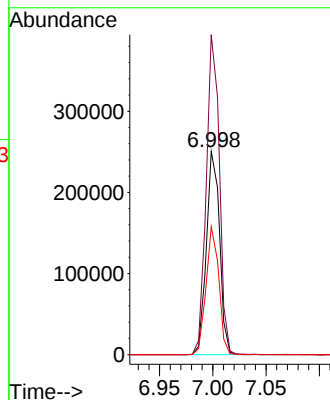
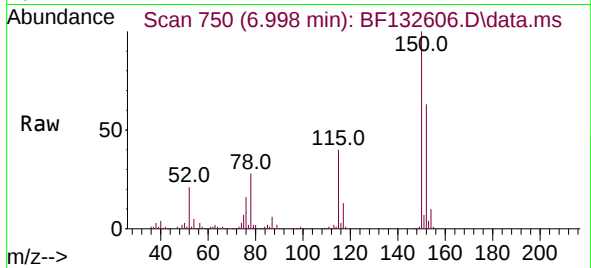




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132606.D
Acq: 02 Mar 2023 14:05

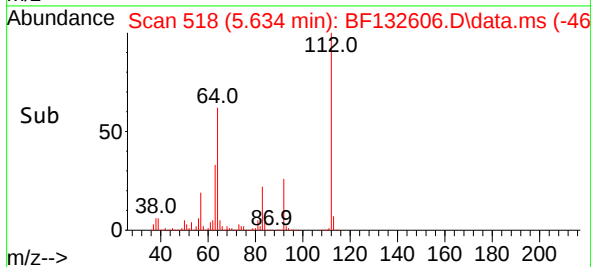
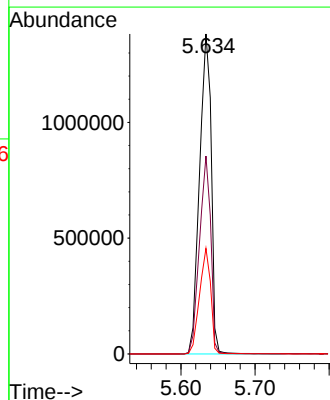
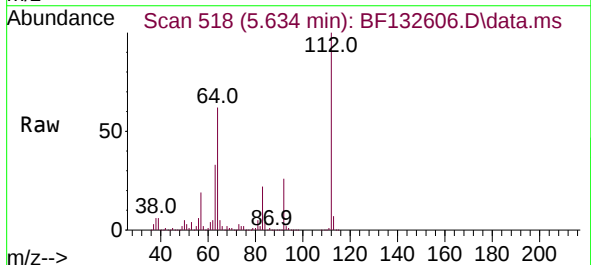
Instrument :
BNA_F
ClientSampleId :
PB151132BL

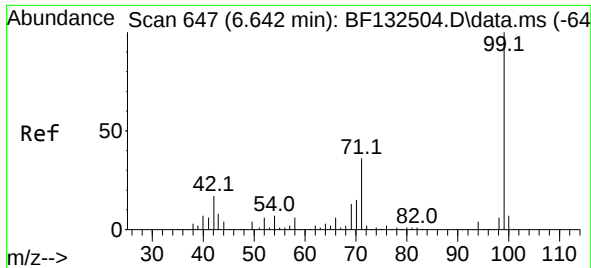
Tgt Ion:152 Resp: 215006
Ion Ratio Lower Upper
152 100
150 157.6 125.4 188.2
115 63.0 47.8 71.6



#5
2-Fluorophenol
Concen: 114.754 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132606.D
Acq: 02 Mar 2023 14:05

Tgt Ion:112 Resp: 1520225
Ion Ratio Lower Upper
112 100
64 61.8 51.6 77.4
63 33.0 27.4 41.2



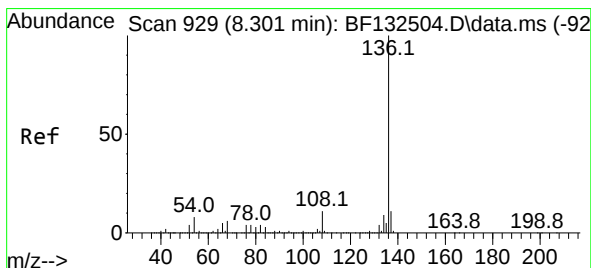
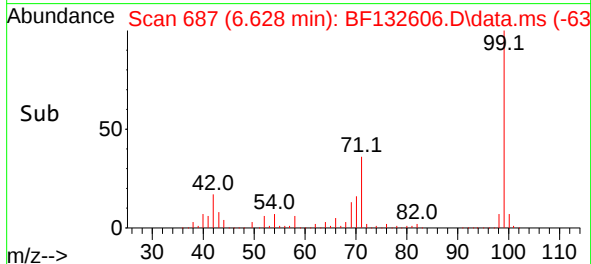
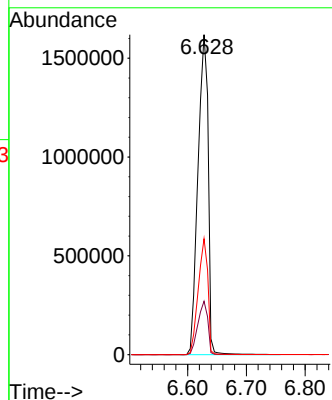
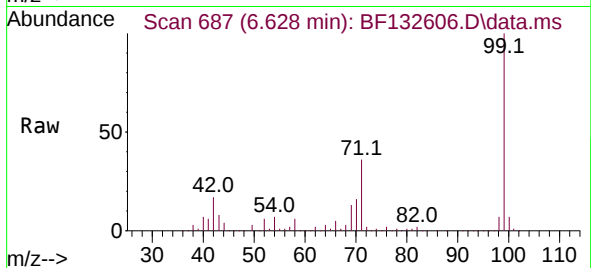


#7
Phenol-d6
Concen: 112.629 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132606.D
Acq: 02 Mar 2023 14:05

Instrument :
BNA_F
ClientSampleId :
PB151132BL

Tgt Ion: 99 Resp: 1947293

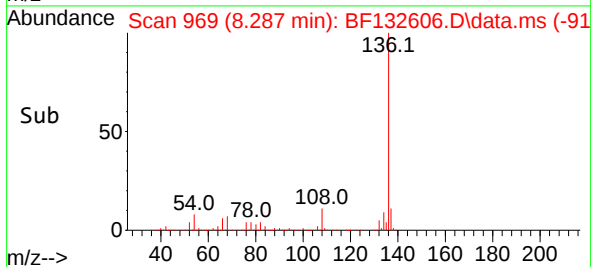
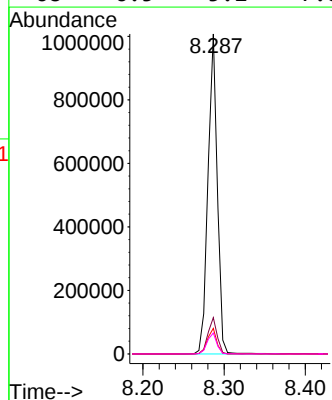
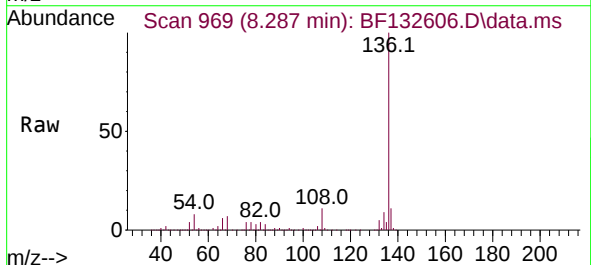
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.9	20.9
71	36.2	28.5	42.7

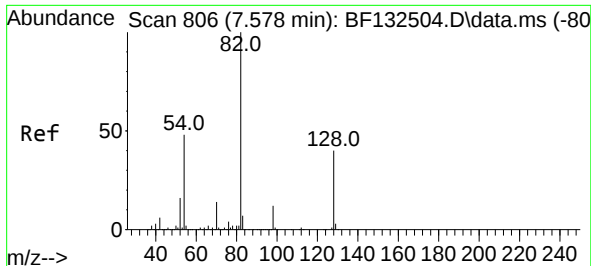


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132606.D
Acq: 02 Mar 2023 14:05

Tgt Ion: 136 Resp: 805538

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.0	6.2	9.4
68	6.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 75.364 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Instrument :

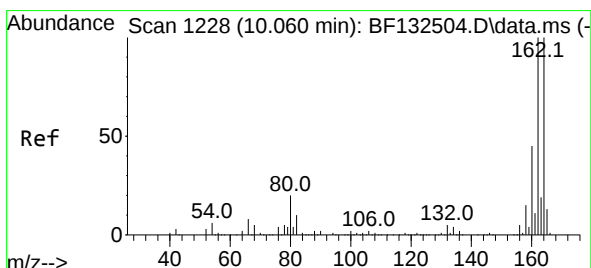
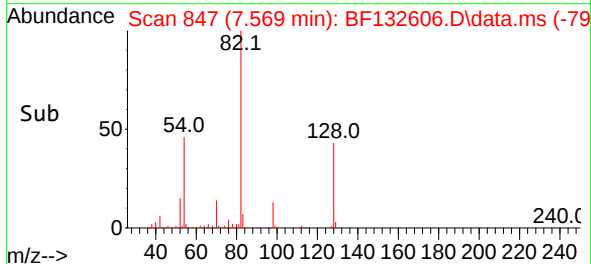
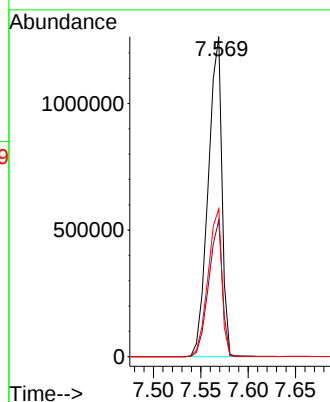
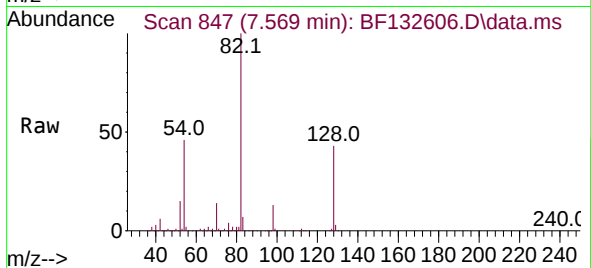
BNA_F

ClientSampleId :

PB151132BL

Tgt Ion: 82 Resp: 1279569

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.2	48.2
54	46.2	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1269

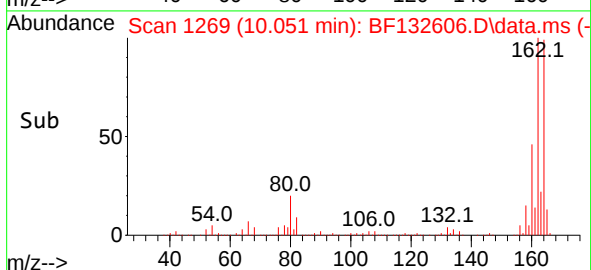
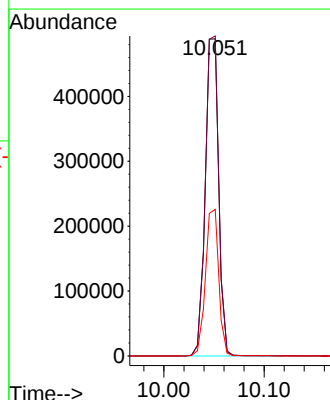
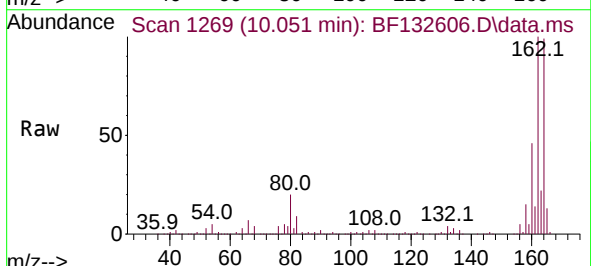
Delta R.T. -0.003 min

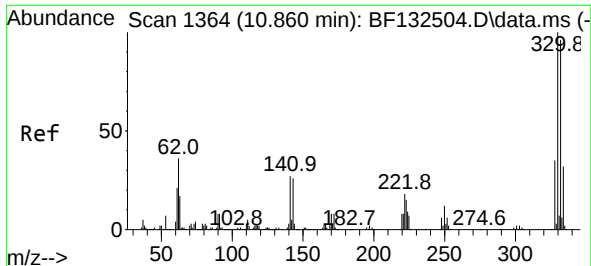
Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Tgt Ion: 164 Resp: 450998

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.8	119.8
160	46.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 116.680 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

Instrument :

BNA_F

ClientSampleId :

PB151132BL

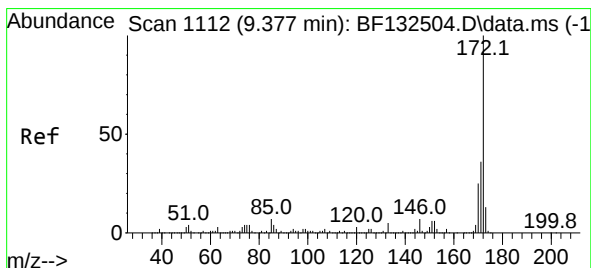
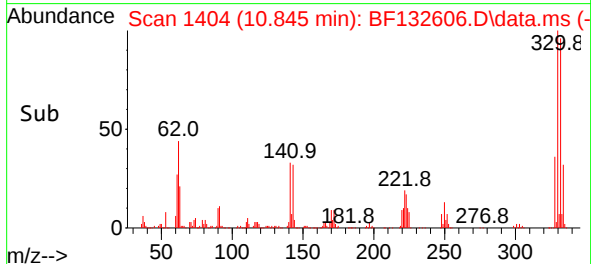
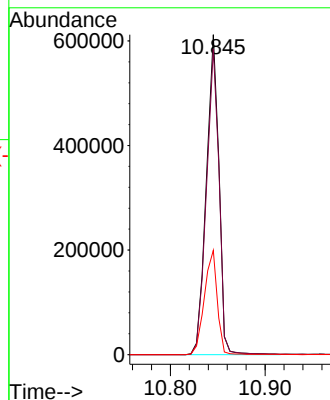
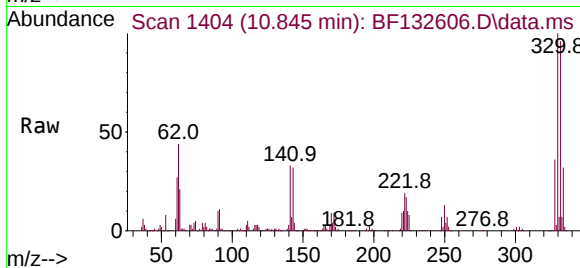
Tgt Ion:330 Resp: 568302

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 33.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 69.820 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132606.D

Acq: 02 Mar 2023 14:05

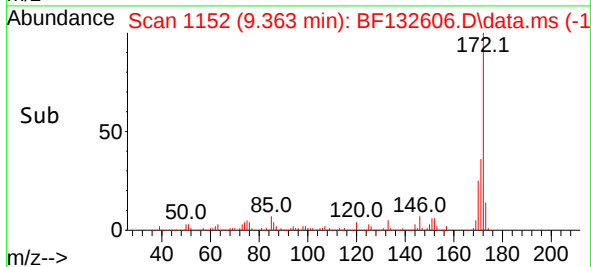
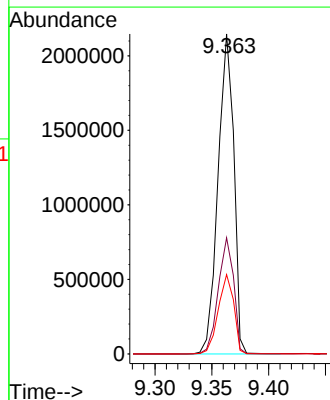
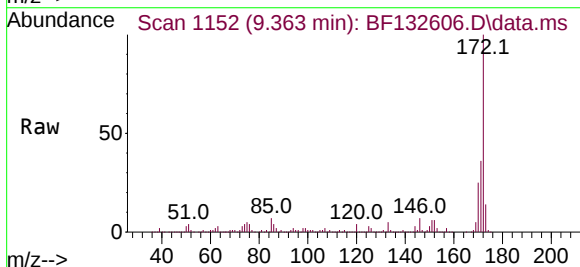
Tgt Ion:172 Resp: 2068004

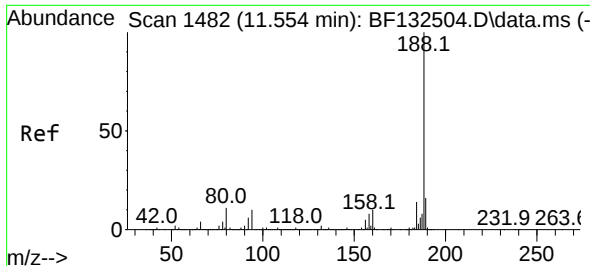
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.8 19.7 29.5

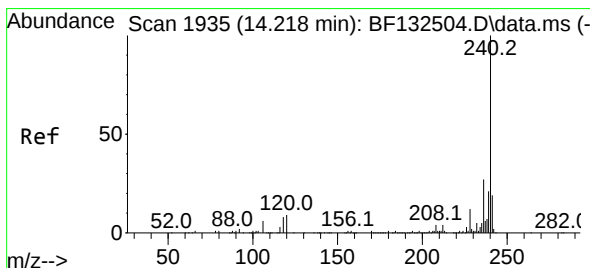
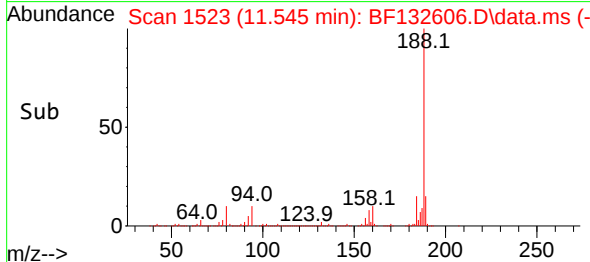
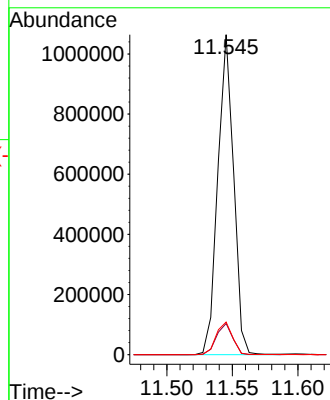
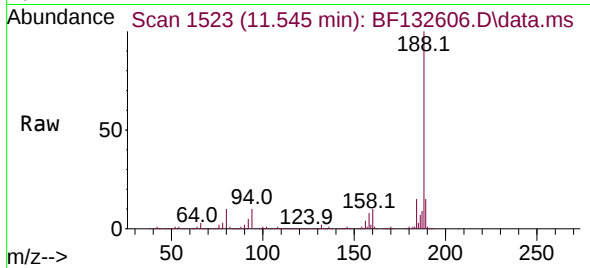




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132606.D
Acq: 02 Mar 2023 14:05

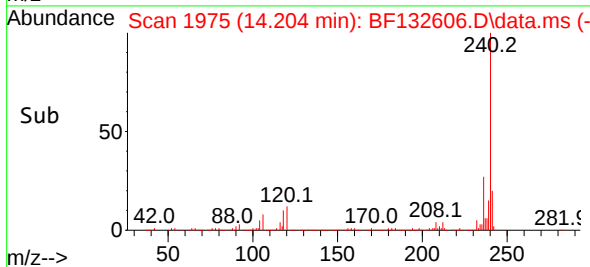
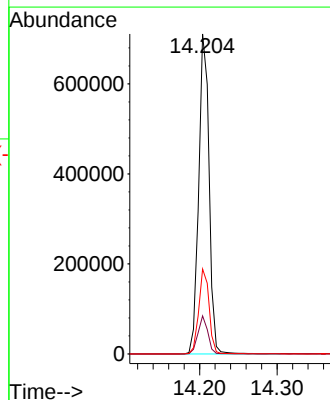
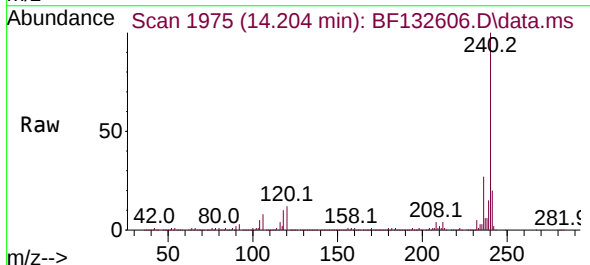
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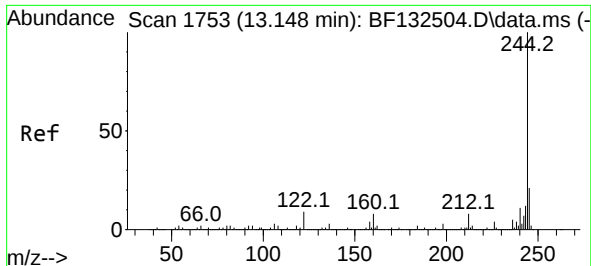
Tgt Ion:188 Resp: 894850
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132606.D
Acq: 02 Mar 2023 14:05

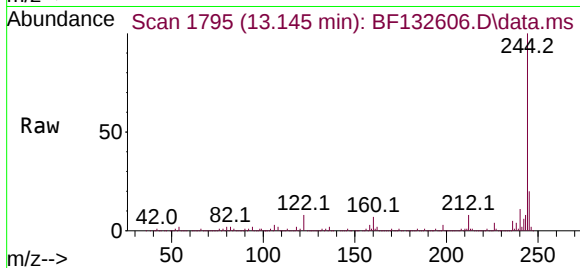
Tgt Ion:240 Resp: 660037
Ion Ratio Lower Upper
240 100
120 11.9 7.2 10.8#
236 26.5 21.8 32.6



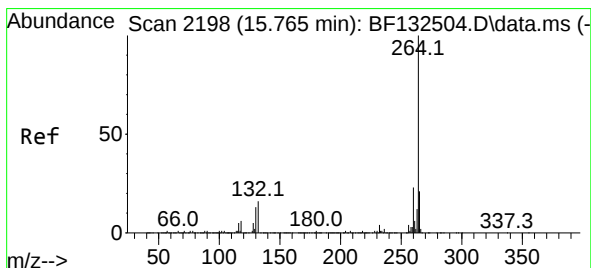
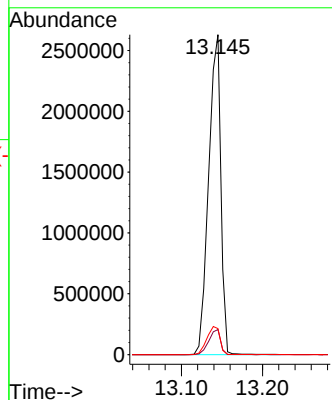
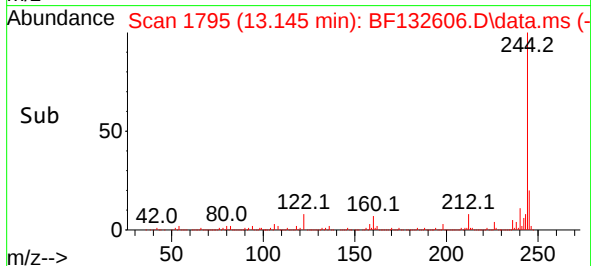


#79
 Terphenyl-d14
 Concen: 70.474 ng
 RT: 13.145 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BF132606.D
 Acq: 02 Mar 2023 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB151132BL



Tgt Ion:244 Resp: 2751177
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.763 min Scan# 2240
 Delta R.T. 0.009 min
 Lab File: BF132606.D
 Acq: 02 Mar 2023 14:05

Tgt Ion:264 Resp: 549547
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.7 17.1 25.7

