

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022423\
 Data File : BF132541.D
 Acq On : 24 Feb 2023 14:13
 Operator : CG\JU
 Sample : 01671-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-1

Quant Time: Feb 24 23:18:32 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	7.001	152	146900	20.000	ng	0.00
21) Naphthalene-d8	8.290	136	535692	20.000	ng	0.00
39) Acenaphthene-d10	10.048	164	286186	20.000	ng	0.00
64) Phenanthrene-d10	11.542	188	537103	20.000	ng	0.00
76) Chrysene-d12	14.201	240	297962	20.000	ng	0.00
86) Perylene-d12	15.754	264	347049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	913338	100.907	ng	0.00
7) Phenol-d6	6.631	99	1159127	98.125	ng	0.00
23) Nitrobenzene-d5	7.566	82	763898	67.656	ng	0.00
42) 2,4,6-Tribromophenol	10.842	330	310456	100.449	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1248127	66.407	ng	0.00
79) Terphenyl-d14	13.136	244	1230645	69.831	ng	0.00

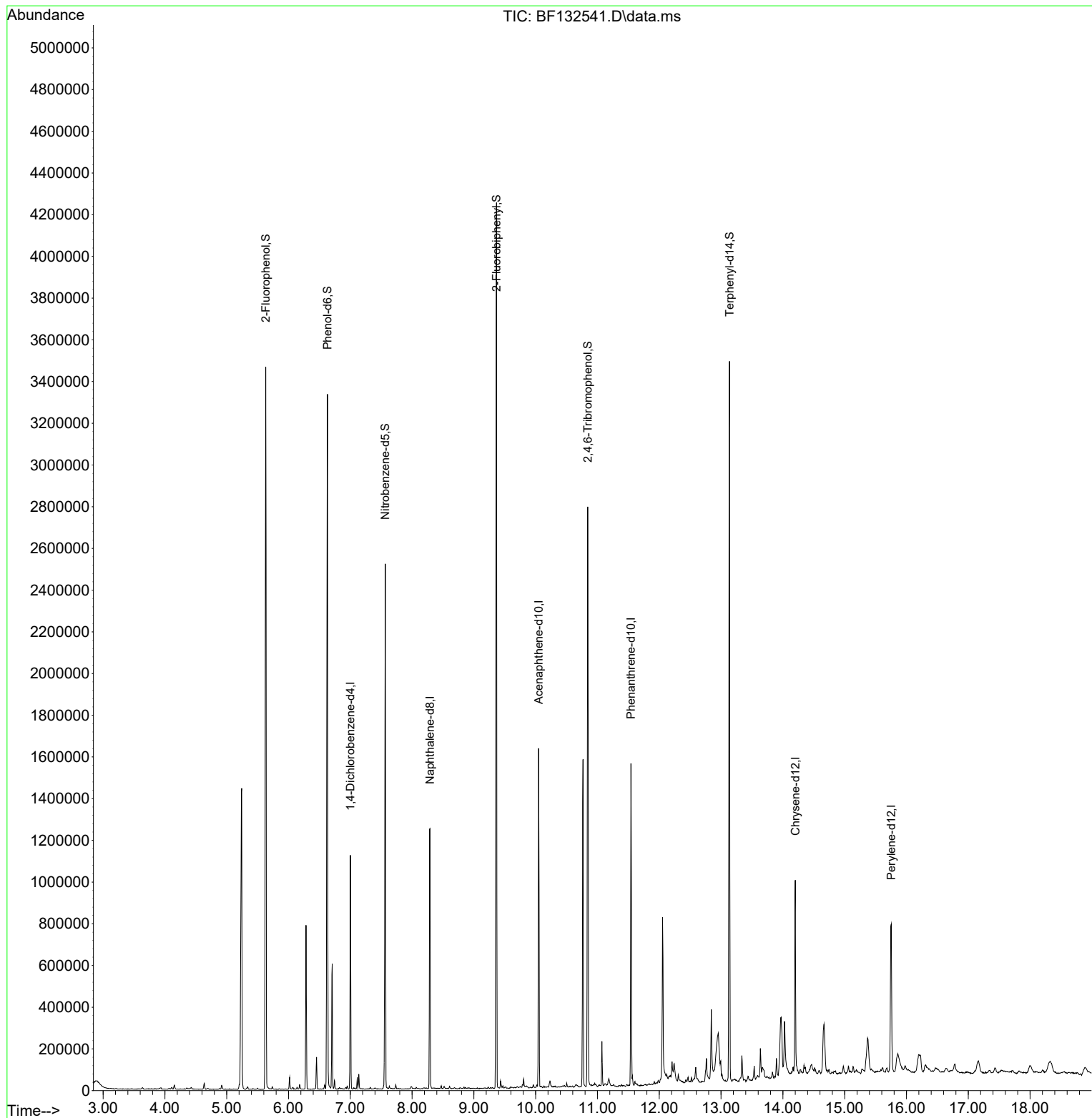
Target Compounds	Qvalue

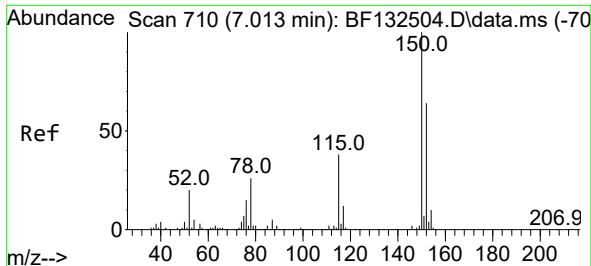
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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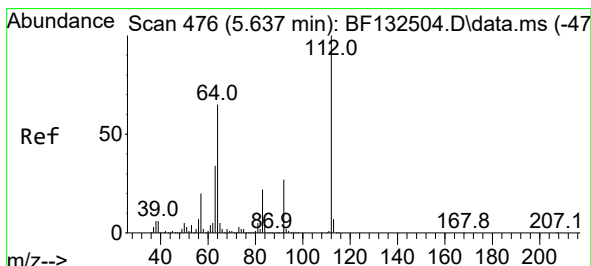
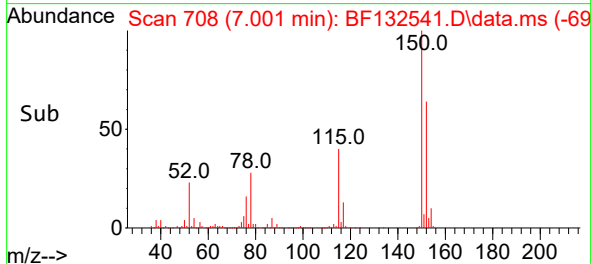
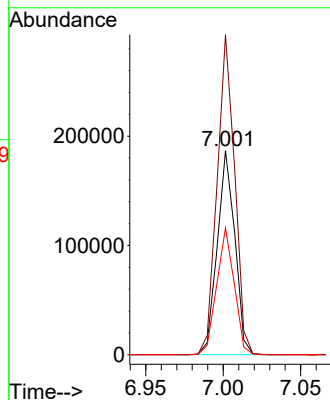
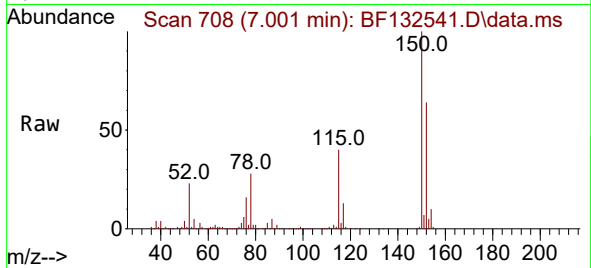




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132541.D
Acq: 24 Feb 2023 14:13

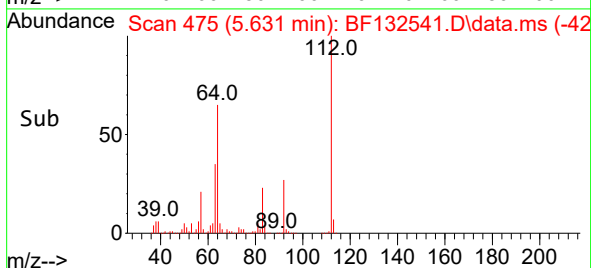
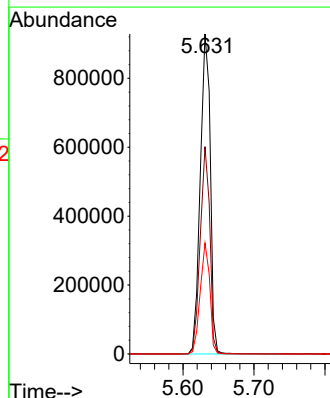
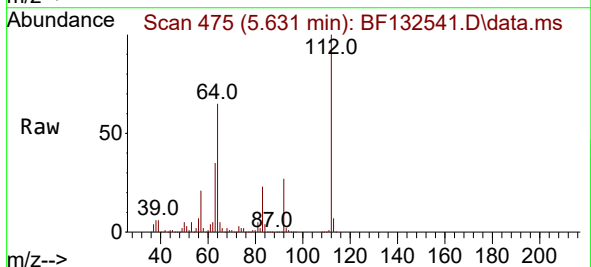
Instrument :
BNA_F
ClientSampleId :
T5-1

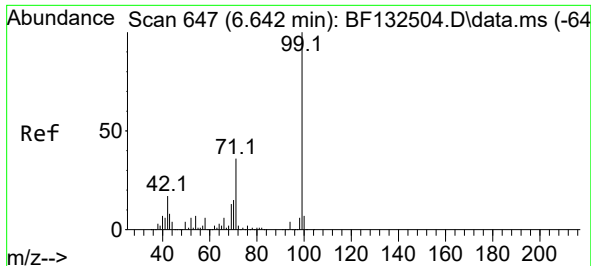
Tgt Ion:152 Resp: 146900
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.2
115 62.3 47.8 71.6



#5
2-Fluorophenol
Concen: 100.907 ng
RT: 5.631 min Scan# 475
Delta R.T. 0.000 min
Lab File: BF132541.D
Acq: 24 Feb 2023 14:13

Tgt Ion:112 Resp: 913338
Ion Ratio Lower Upper
112 100
64 64.8 51.6 77.4
63 34.6 27.4 41.2

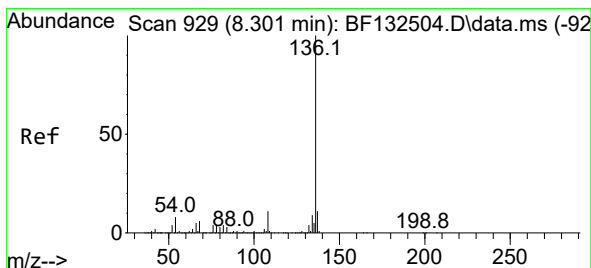
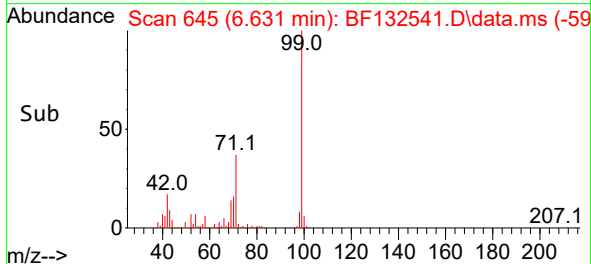
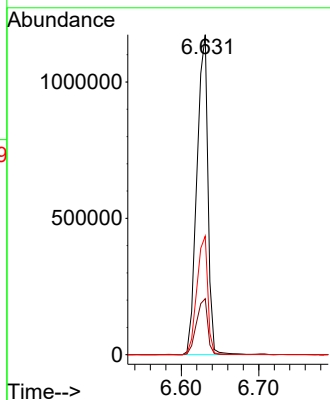
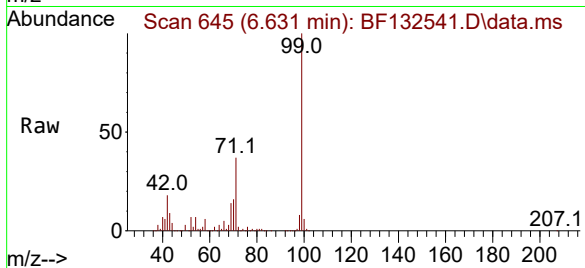




#7
Phenol-d6
Concen: 98.125 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132541.D
Acq: 24 Feb 2023 14:13

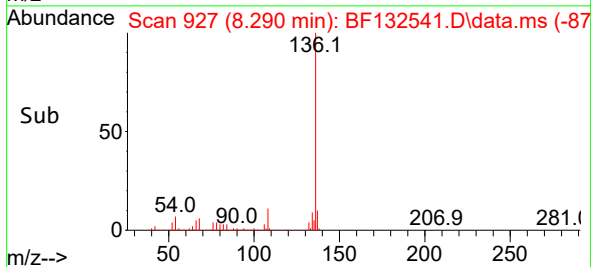
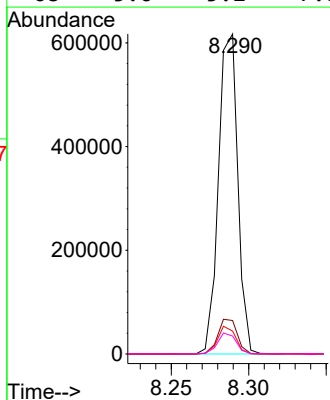
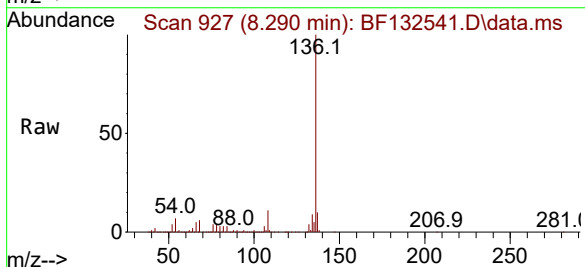
Instrument :
BNA_F
ClientSampleId :
T5-1

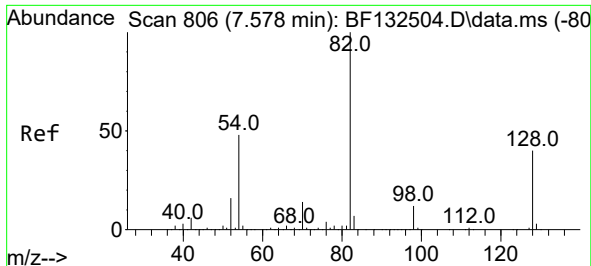
Tgt Ion: 99 Resp: 1159127
Ion Ratio Lower Upper
99 100
42 17.5 13.9 20.9
71 37.0 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.290 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132541.D
Acq: 24 Feb 2023 14:13

Tgt Ion: 136 Resp: 535692
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.2 6.2 9.4
68 5.6 5.2 7.8

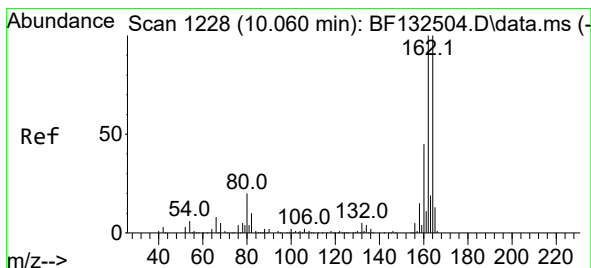
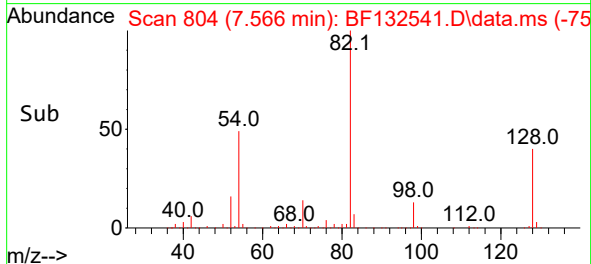
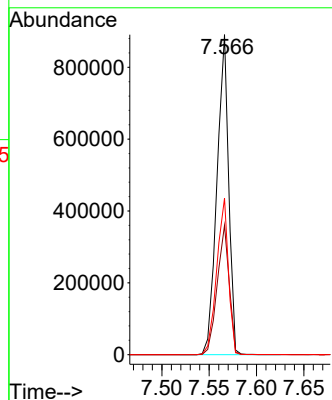
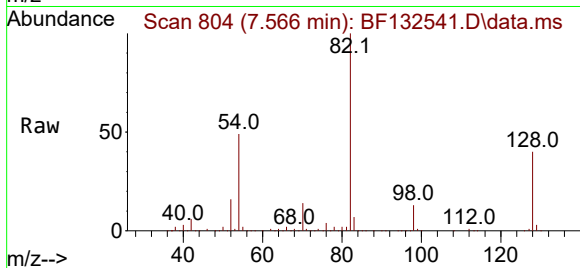




#23
Nitrobenzene-d5
Concen: 67.656 ng
RT: 7.566 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF132541.D
Acq: 24 Feb 2023 14:13

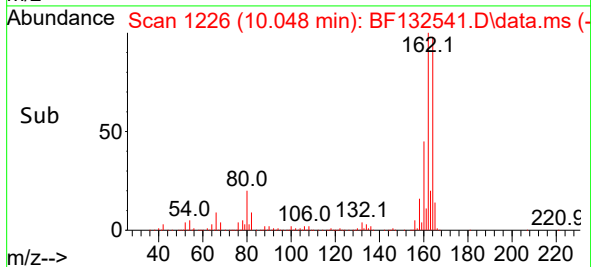
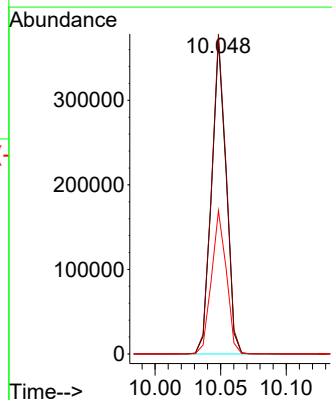
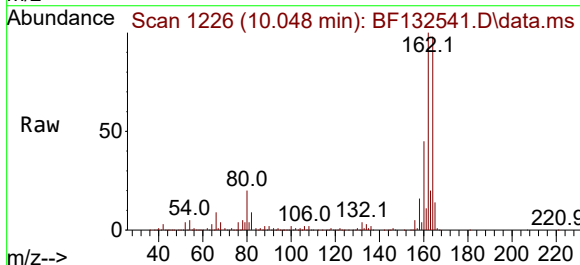
Instrument :
BNA_F
ClientSampleId :
T5-1

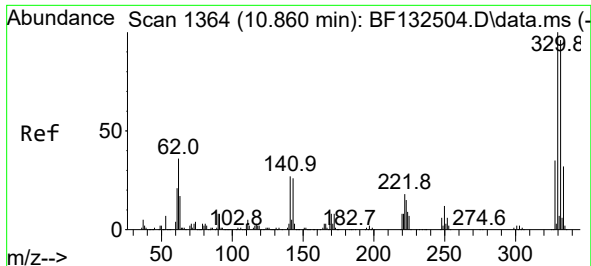
Tgt Ion: 82 Resp: 763898
Ion Ratio Lower Upper
82 100
128 40.4 32.2 48.2
54 48.9 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.048 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF132541.D
Acq: 24 Feb 2023 14:13

Tgt Ion:164 Resp: 286186
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.8
160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 100.449 ng

RT: 10.842 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132541.D

Acq: 24 Feb 2023 14:13

Instrument :

BNA_F

ClientSampleId :

T5-1

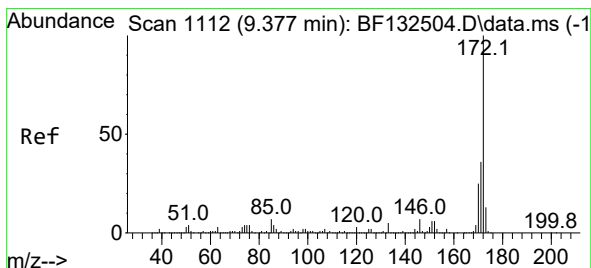
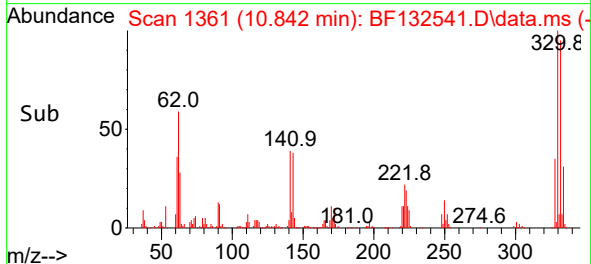
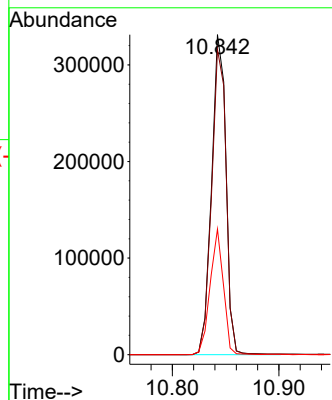
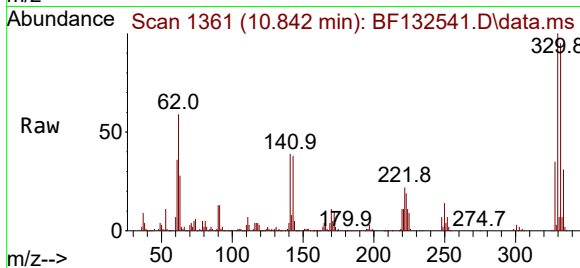
Tgt Ion:330 Resp: 310456

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 36.4 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 66.407 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF132541.D

Acq: 24 Feb 2023 14:13

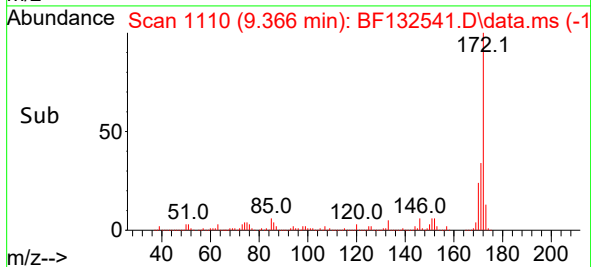
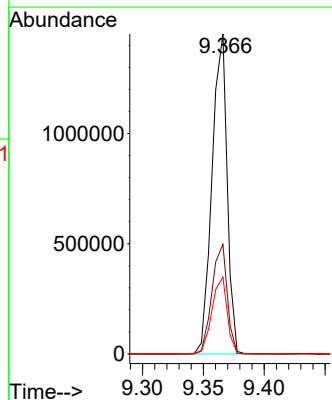
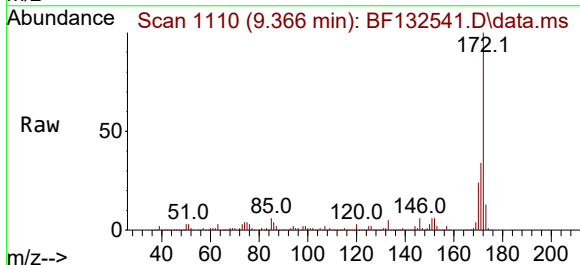
Tgt Ion:172 Resp: 1248127

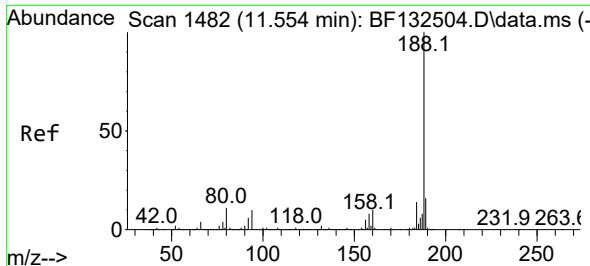
Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 24.0 19.7 29.5

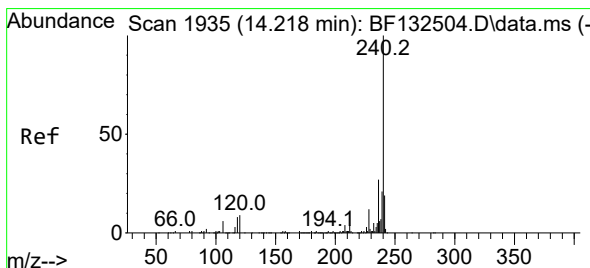
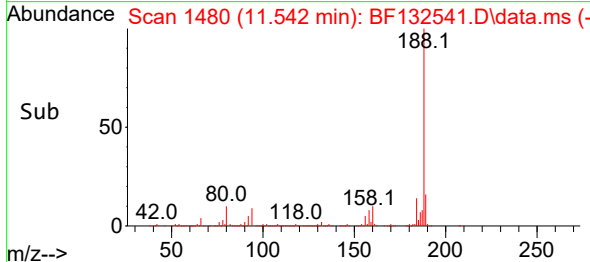
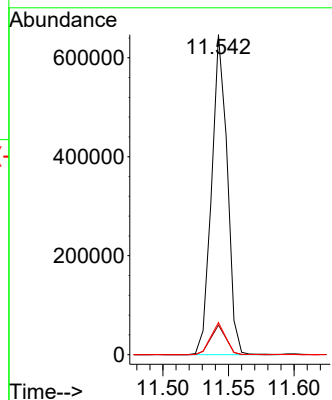
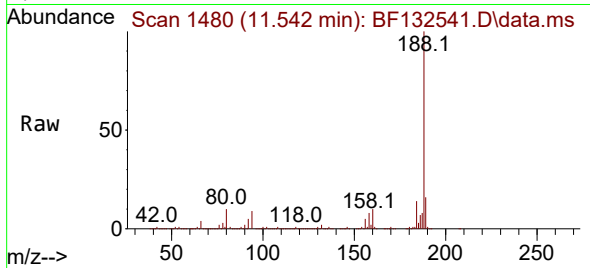




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.542 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF132541.D
Acq: 24 Feb 2023 14:13

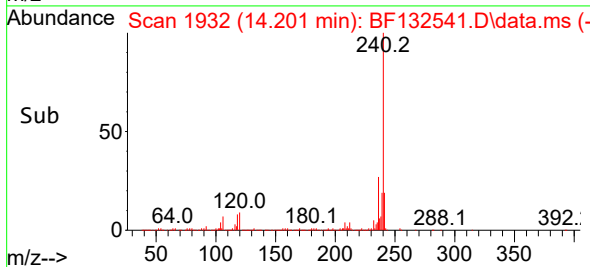
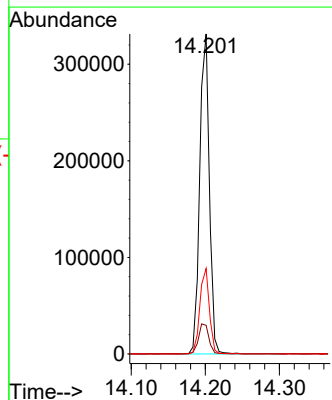
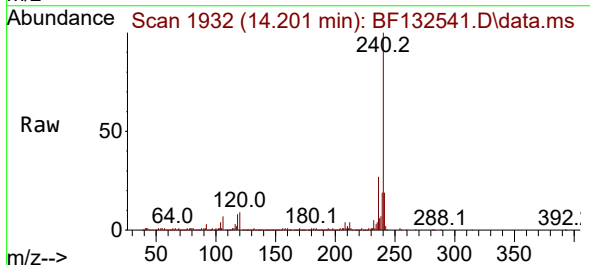
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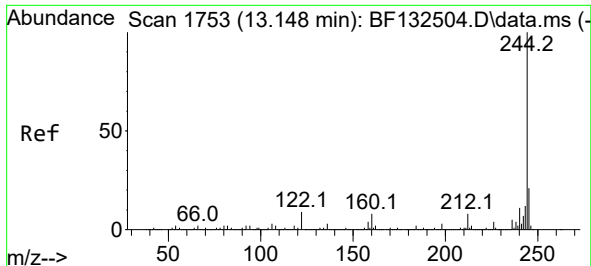
Tgt Ion:188 Resp: 537103
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 10.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132541.D
Acq: 24 Feb 2023 14:13

Tgt Ion:240 Resp: 297962
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 26.7 21.8 32.6

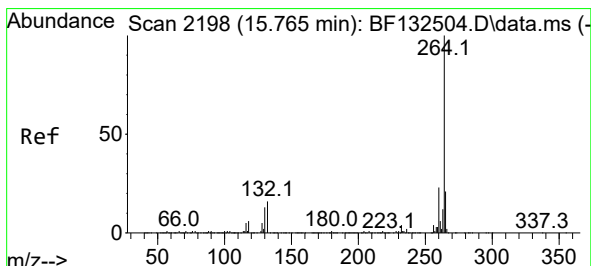
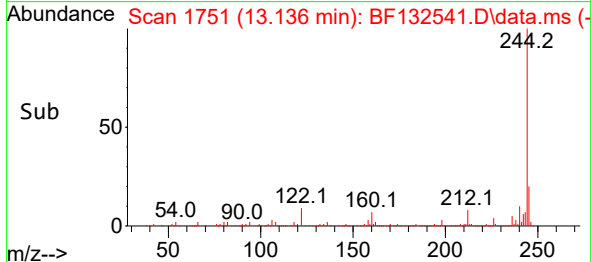
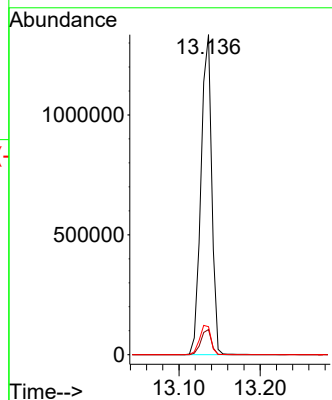
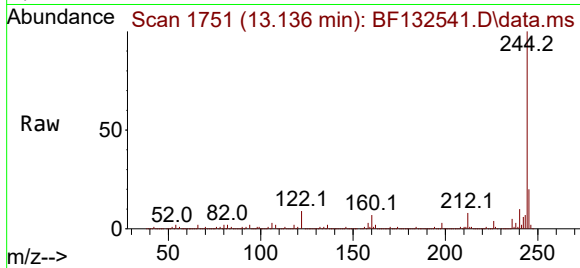




#79
 Terphenyl-d14
 Concen: 69.831 ng
 RT: 13.136 min Scan# 1751
 Delta R.T. -0.006 min
 Lab File: BF132541.D
 Acq: 24 Feb 2023 14:13

Instrument :
 BNA_F
 ClientSampleId :
 T5-1

Tgt Ion:244 Resp: 1230645
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.7 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.754 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF132541.D
 Acq: 24 Feb 2023 14:13

Tgt Ion:264 Resp: 347049
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 22.3 17.1 25.7

