

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133150.D
 Acq On : 01 May 2023 12:16
 Operator : CG\JU
 Sample : 02495-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-02

Quant Time: May 02 05:17:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	199149	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	806970	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	428900	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	765527	20.000	ng	0.00
76) Chrysene-d12	13.880	240	408531	20.000	ng	-0.01
86) Perylene-d12	15.304	264	406919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	725454	55.028	ng	0.00
7) Phenol-d6	6.363	99	530442	32.417	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1187615	79.438	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	487556	113.033	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2001634	78.077	ng	0.00
79) Terphenyl-d14	12.839	244	1881106	79.413	ng	0.00

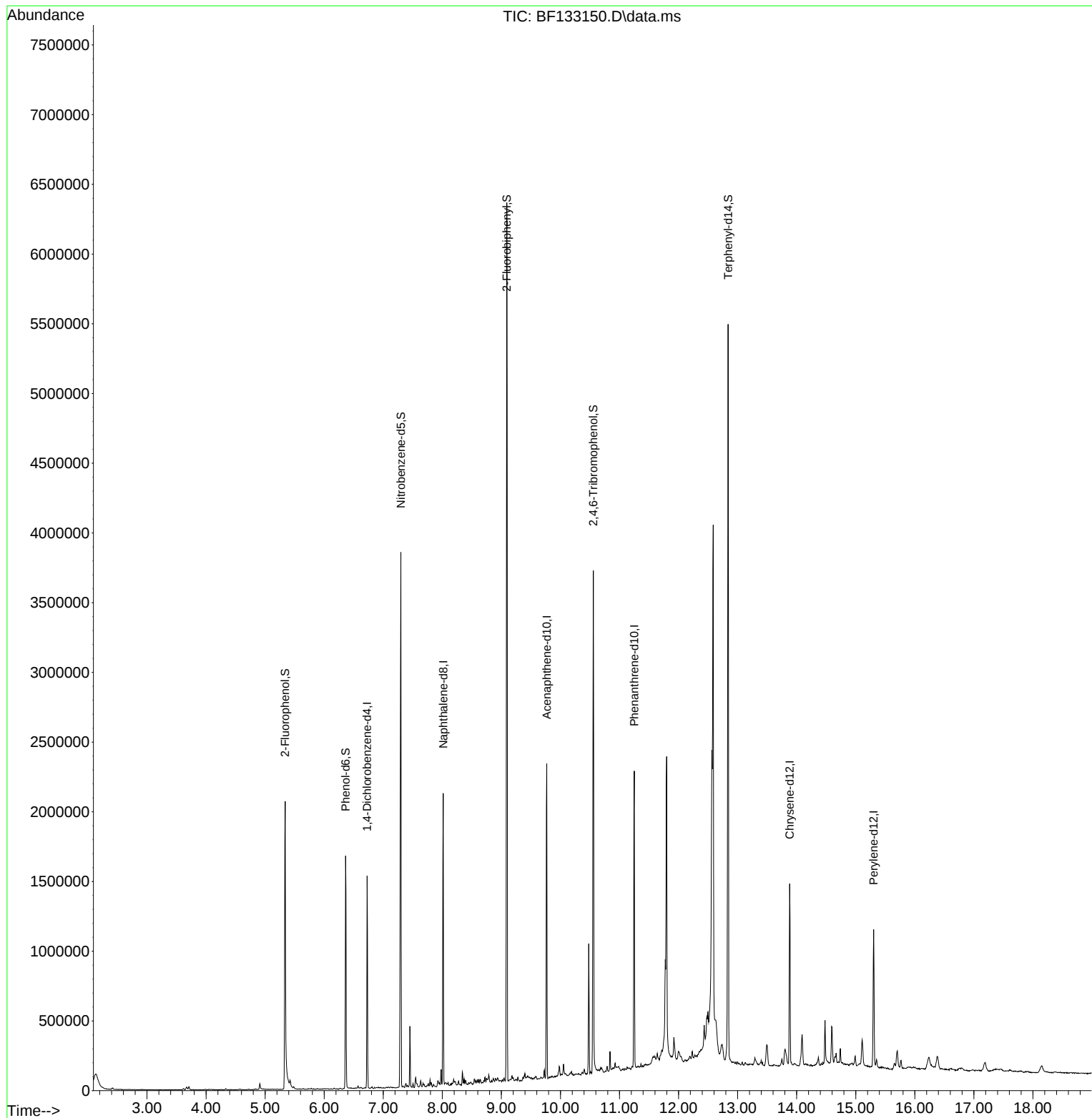
Target Compounds	Qvalue

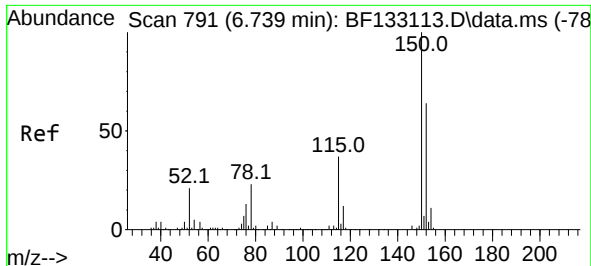
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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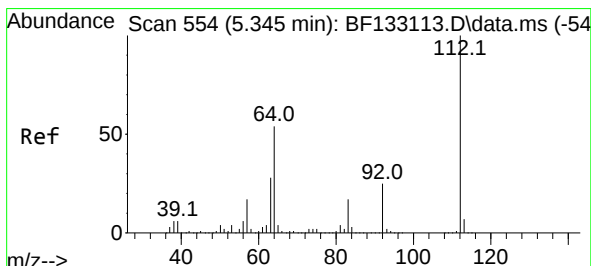
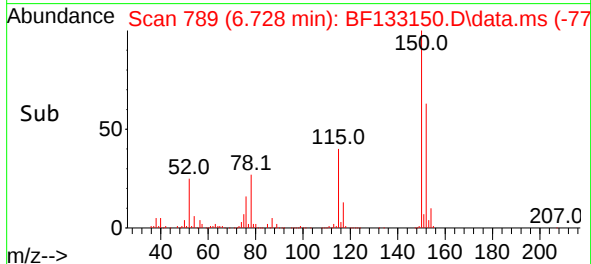
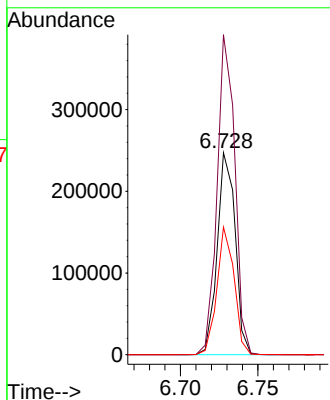
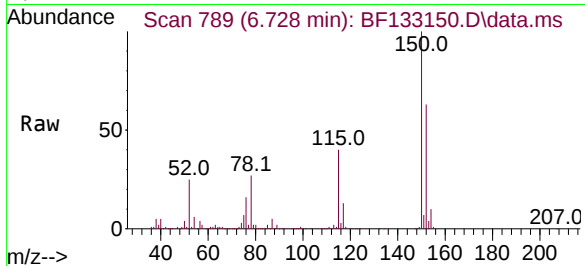




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF133150.D
 Acq: 01 May 2023 12:16

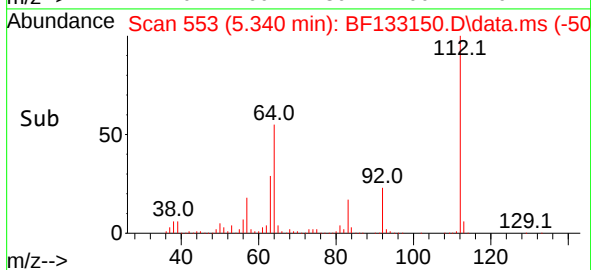
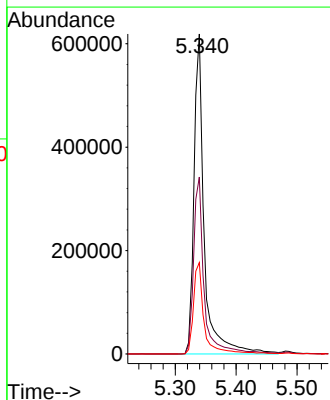
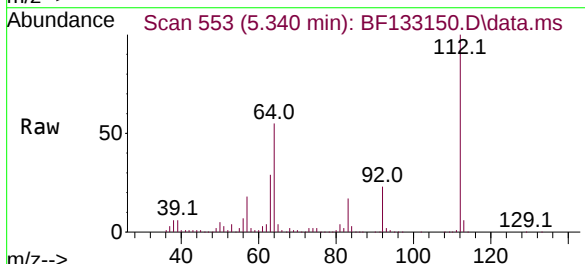
Instrument :
 BNA_F
 ClientSampleId :
 PZ-02

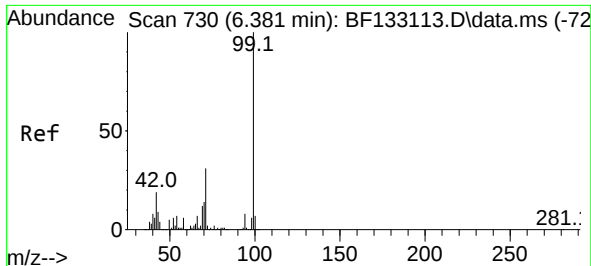
Tgt Ion:152 Resp: 199149
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.8 187.2
 115 63.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 55.028 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133150.D
 Acq: 01 May 2023 12:16

Tgt Ion:112 Resp: 725454
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.8 70.2
 63 28.6 23.8 35.8

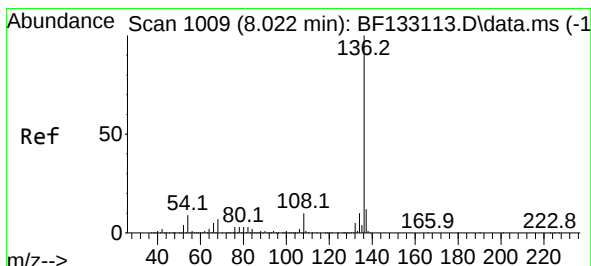
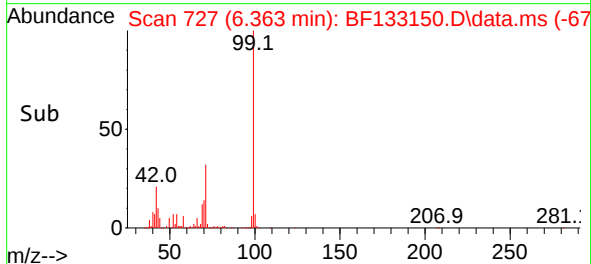
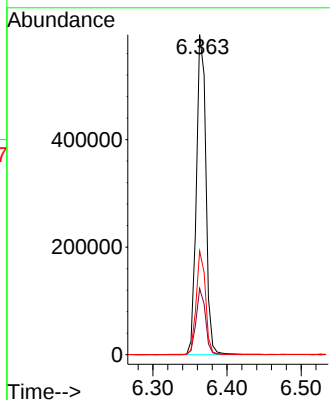
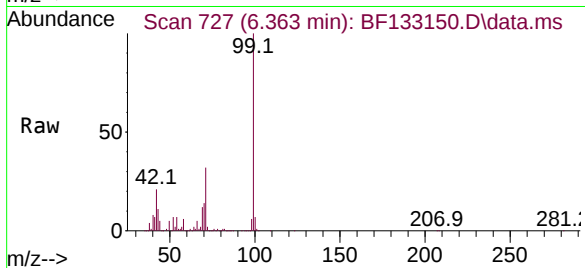




#7
Phenol-d6
Concen: 32.417 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

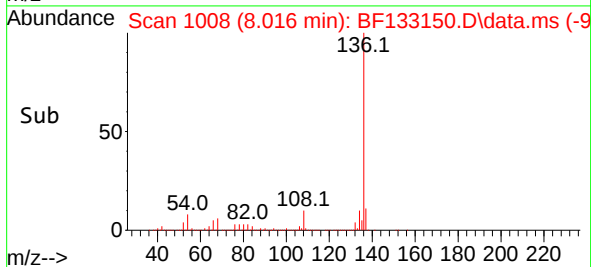
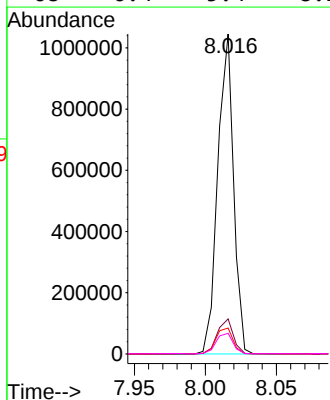
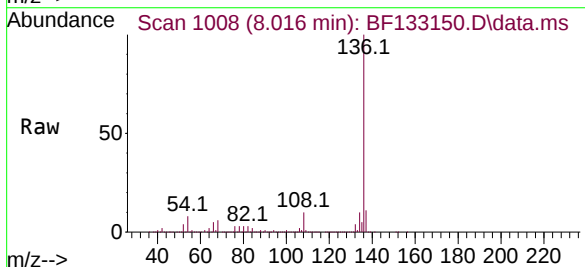
Instrument :
BNA_F
ClientSampleId :
PZ-02

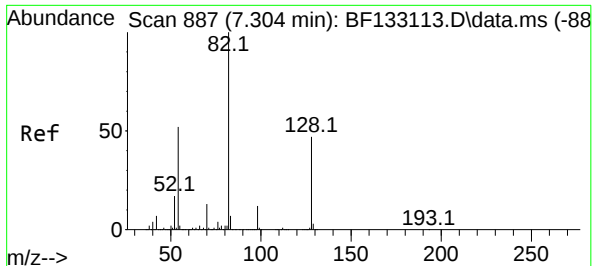
Tgt Ion: 99 Resp: 530442
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion: 136 Resp: 806970
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 7.0 10.4
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.438 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133150.D

Acq: 01 May 2023 12:16

Instrument :

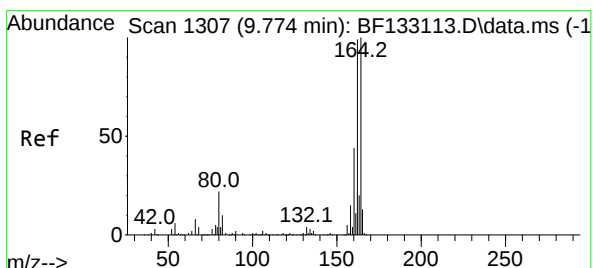
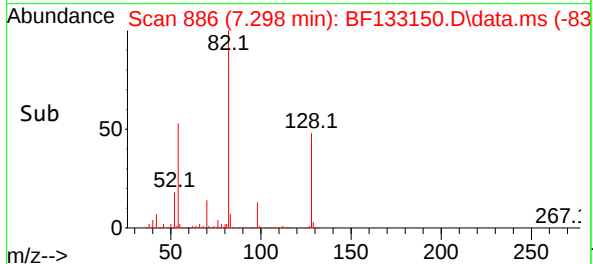
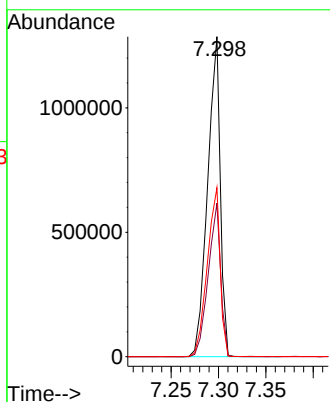
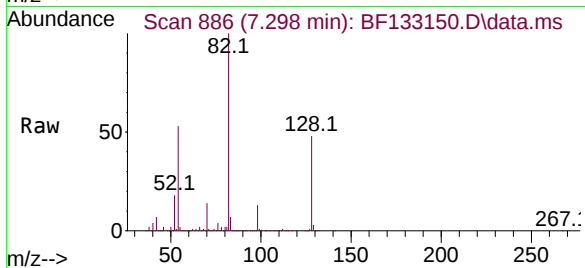
BNA_F

ClientSampleId :

PZ-02

Tgt Ion: 82 Resp: 1187615

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	52.8	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

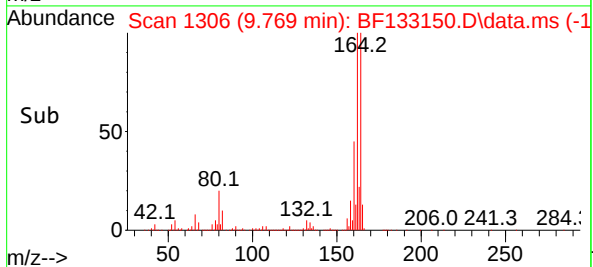
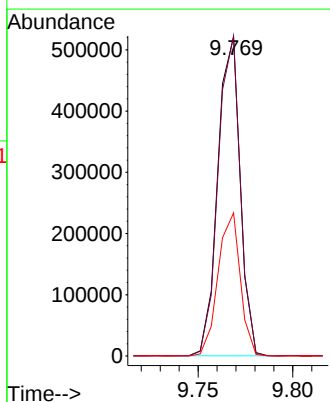
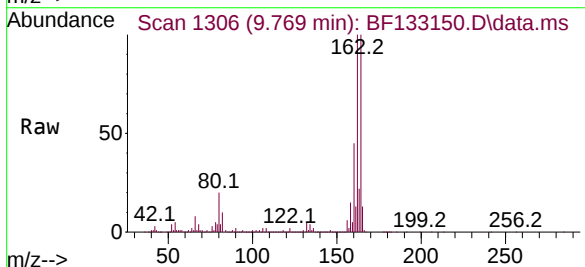
Delta R.T. 0.000 min

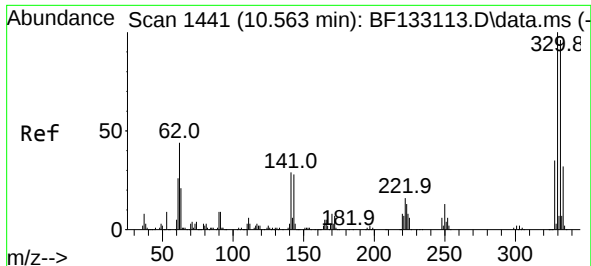
Lab File: BF133150.D

Acq: 01 May 2023 12:16

Tgt Ion:164 Resp: 428900

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.7	118.1
160	44.8	35.8	53.6

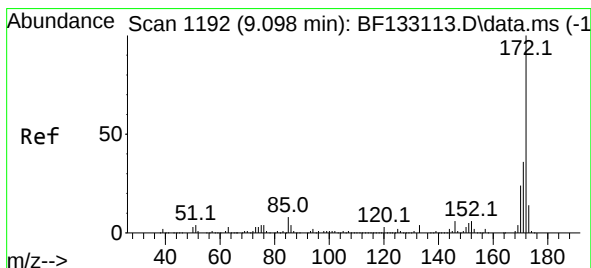
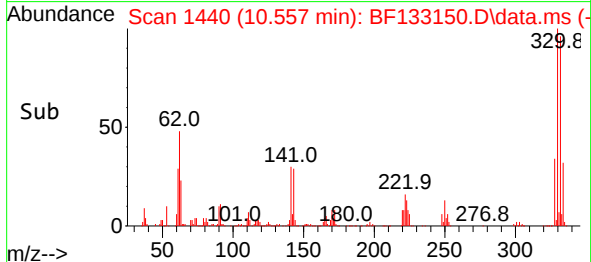
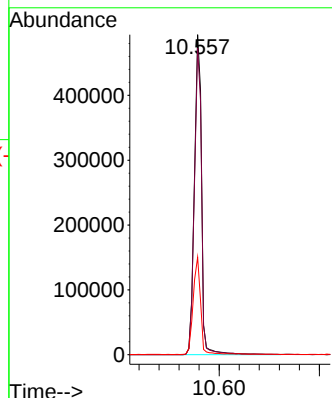
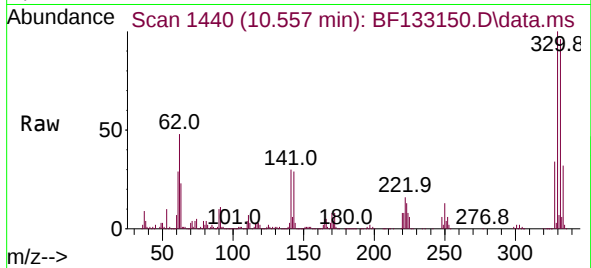




#42
2,4,6-Tribromophenol
Concen: 113.033 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

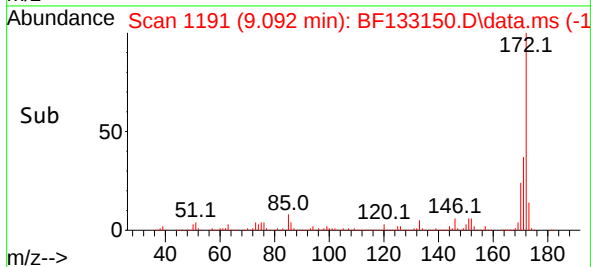
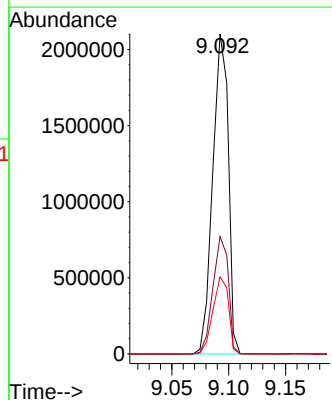
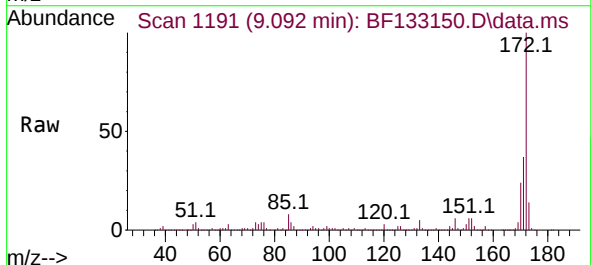
Instrument :
BNA_F
ClientSampleId :
PZ-02

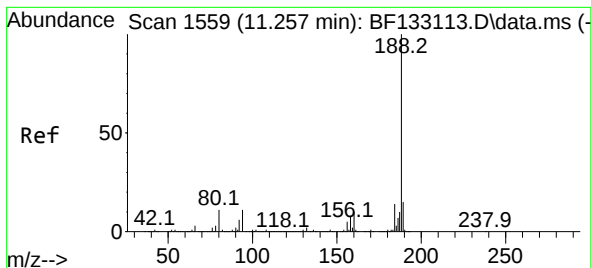
Tgt Ion:330 Resp: 487556
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 31.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 78.077 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133150.D
Acq: 01 May 2023 12:16

Tgt Ion:172 Resp: 2001634
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133150.D

Acq: 01 May 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PZ-02

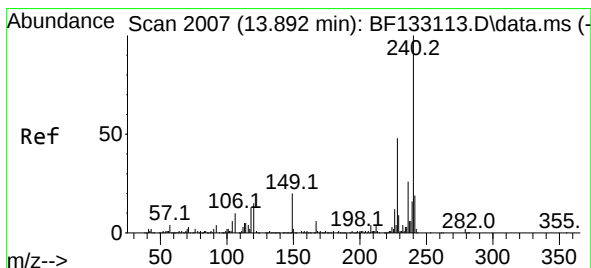
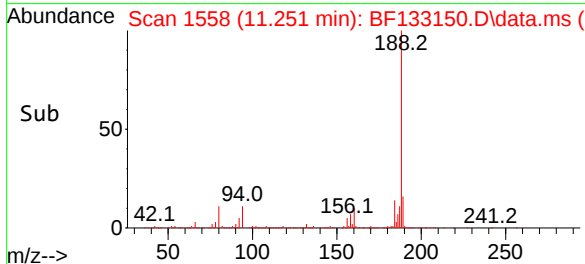
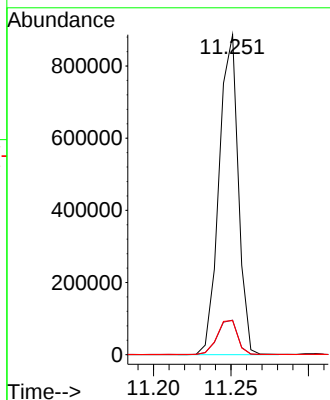
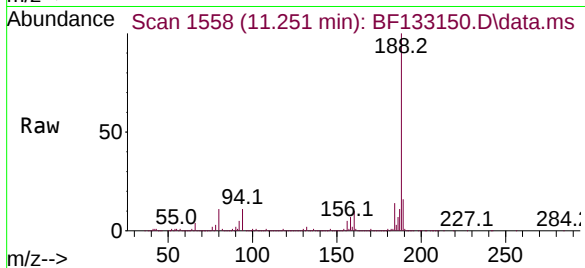
Tgt Ion:188 Resp: 765527

Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 10.6 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133150.D

Acq: 01 May 2023 12:16

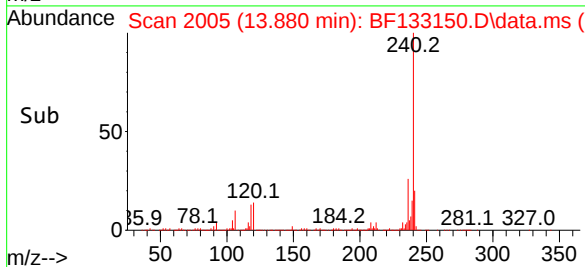
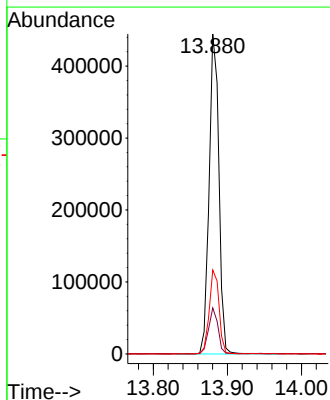
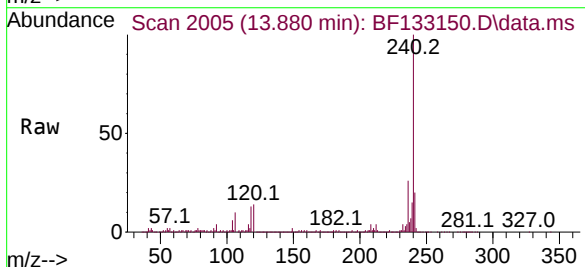
Tgt Ion:240 Resp: 408531

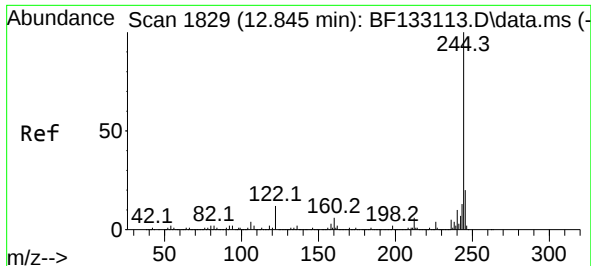
Ion Ratio Lower Upper

240 100

120 14.4 10.5 15.7

236 26.3 21.5 32.3

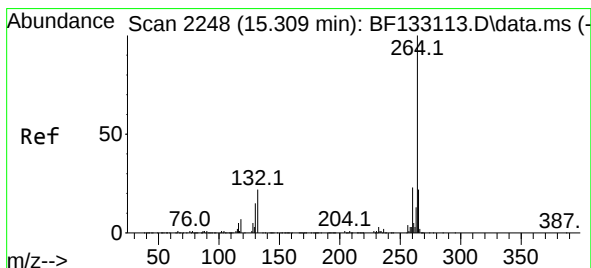
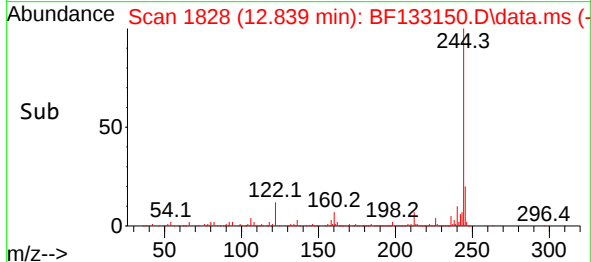
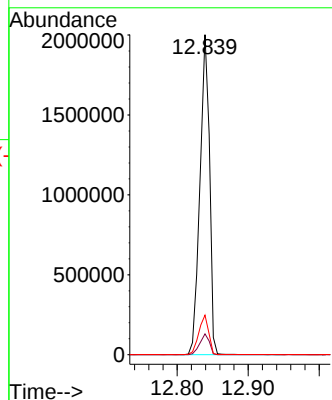
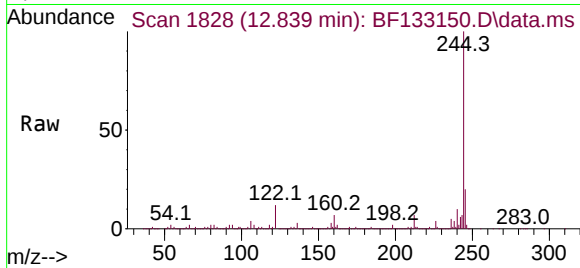




#79
 Terphenyl-d14
 Concen: 79.413 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133150.D
 Acq: 01 May 2023 12:16

Instrument :
 BNA_F
 ClientSampleId :
 PZ-02

Tgt Ion:244 Resp: 1881106
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133150.D
 Acq: 01 May 2023 12:16

Tgt Ion:264 Resp: 406919
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.8 17.0 25.4

