

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133122.D
 Acq On : 28 Apr 2023 14:26
 Operator : CG\JU
 Sample : 02495-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-01

Quant Time: Apr 28 15:13:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 12:18:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	166828	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	668752	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	341964	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	610328	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	346614	20.000	ng	-0.01
86) Perylene-d12	15.304	264	350544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	597610	54.113	ng	0.00
7) Phenol-d6	6.369	99	438091	31.960	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1025625	82.781	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	413589	120.261	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1788281	87.489	ng	0.00
79) Terphenyl-d14	12.839	244	1757427	87.445	ng	0.00

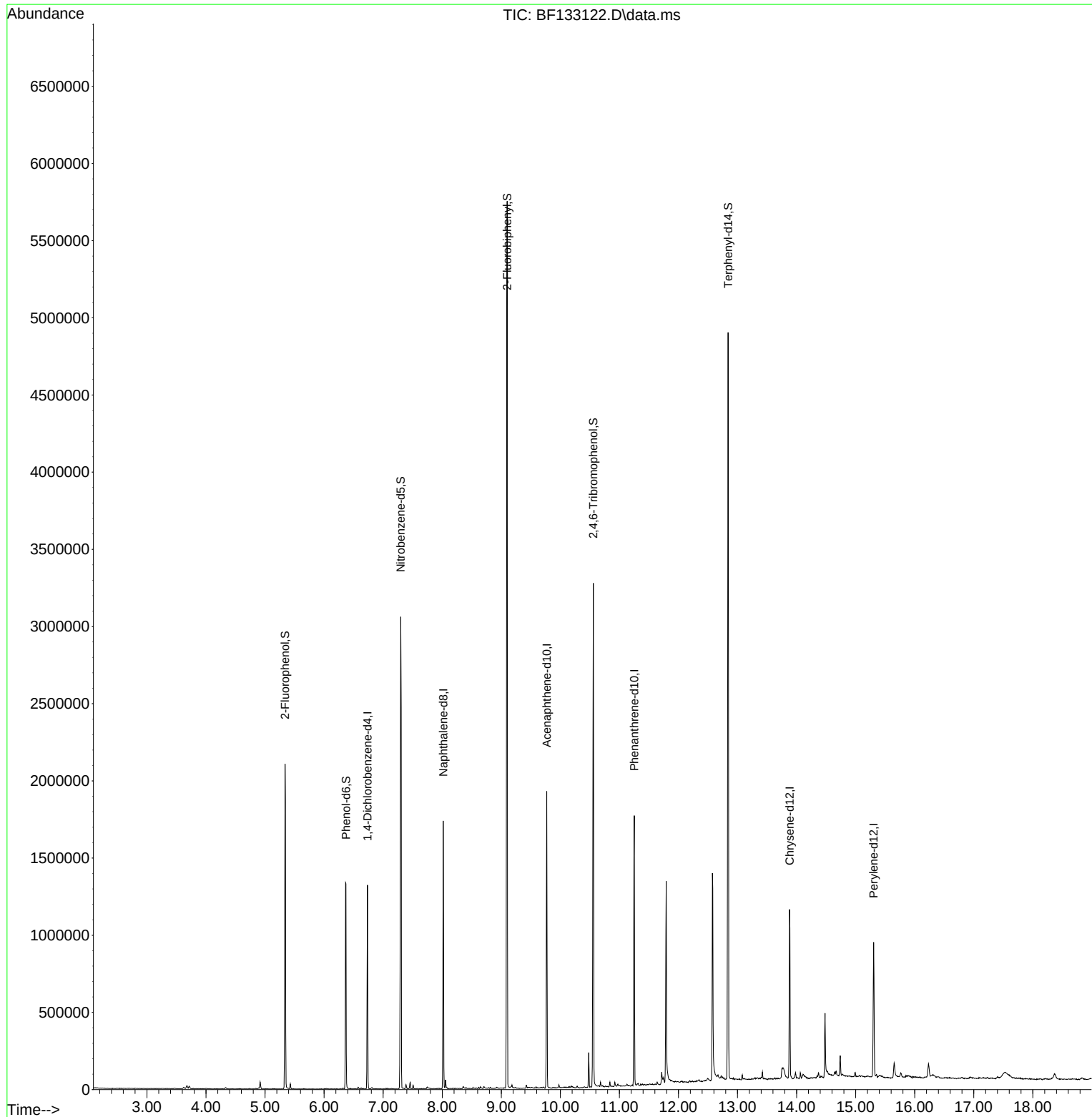
Target Compounds Qvalue

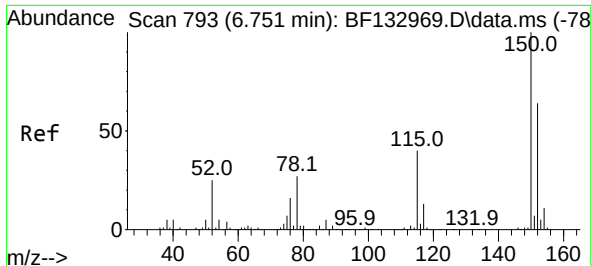
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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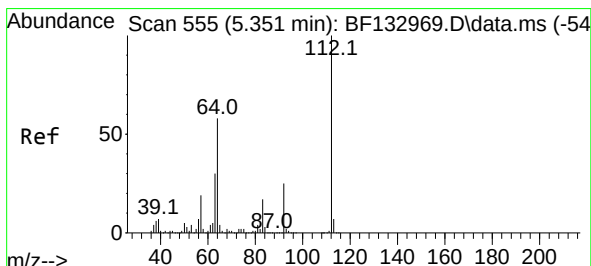
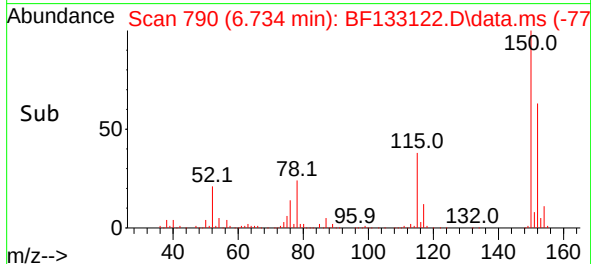
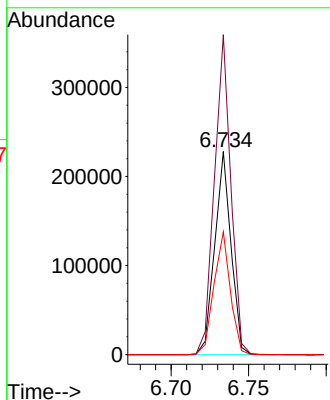
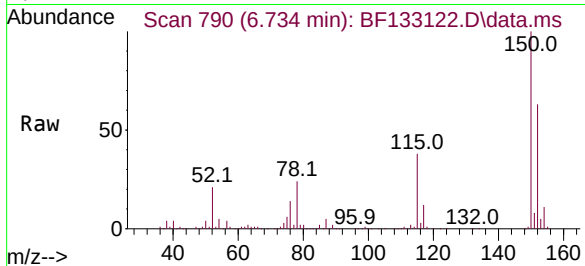




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

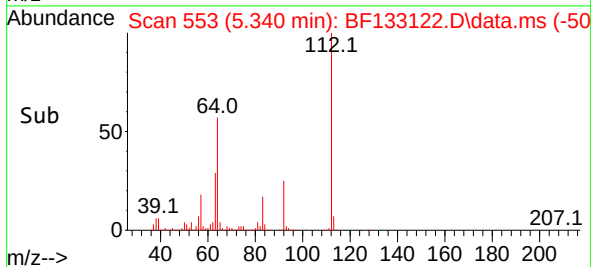
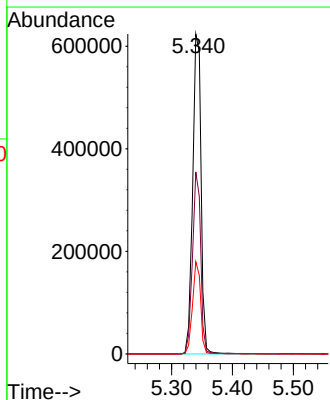
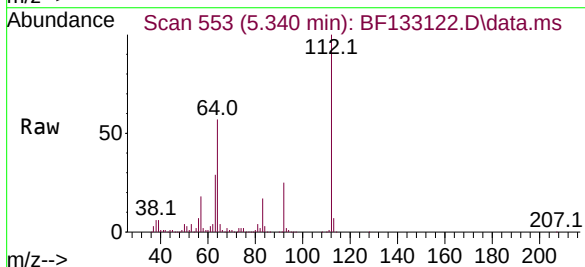
Instrument :
BNA_F
ClientSampleId :
PZ-01

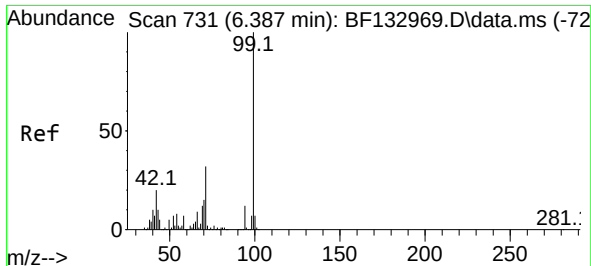
Tgt Ion:152 Resp: 166828
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 60.5 49.9 74.9



#5
2-Fluorophenol
Concen: 54.113 ng
RT: 5.340 min Scan# 553
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion:112 Resp: 597610
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 28.8 23.8 35.8

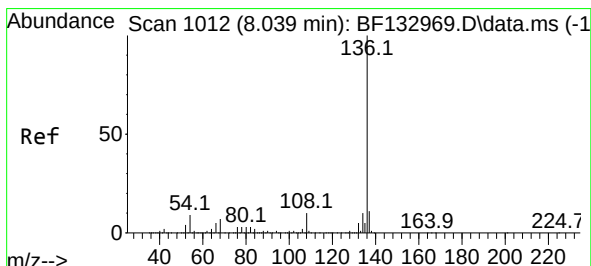
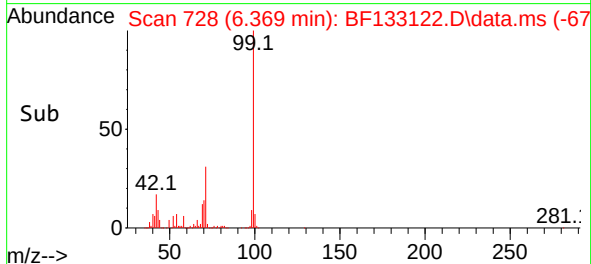
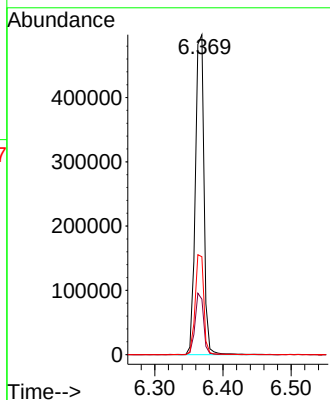
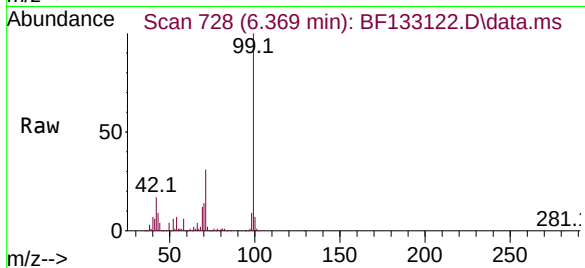




#7
Phenol-d6
Concen: 31.960 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

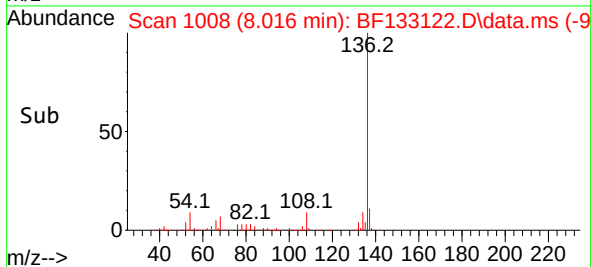
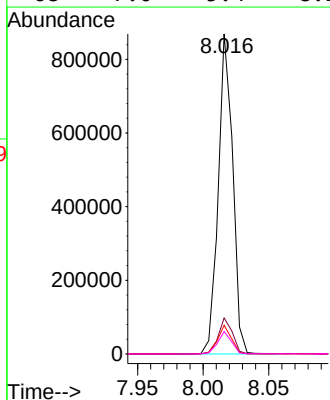
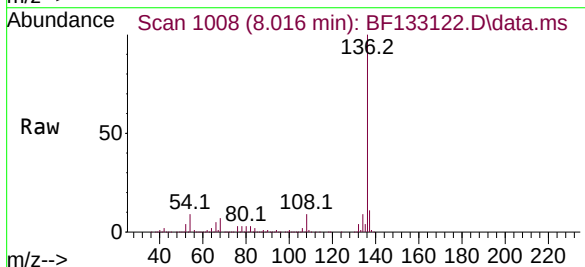
Instrument :
BNA_F
ClientSampleId :
PZ-01

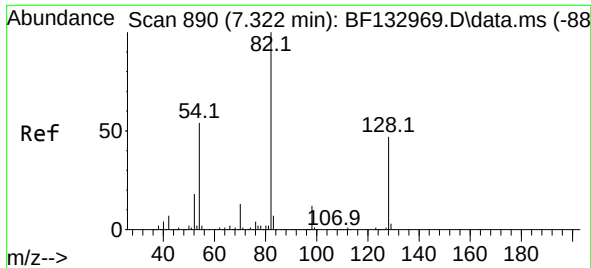
Tgt Ion: 99 Resp: 438091
Ion Ratio Lower Upper
99 100
42 17.3 16.3 24.5
71 30.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion: 136 Resp: 668752
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.9 7.0 10.4
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 82.781 ng

RT: 7.298 min Scan# 88

Delta R.T. -0.006 min

Lab File: BF133122.D

Acq: 28 Apr 2023 14:26

Instrument :

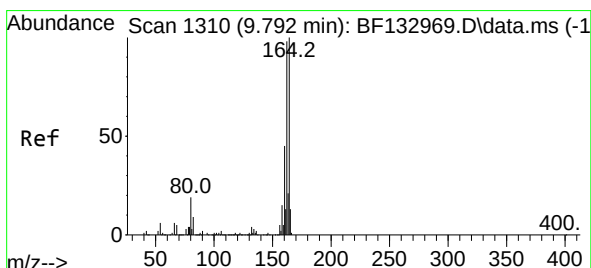
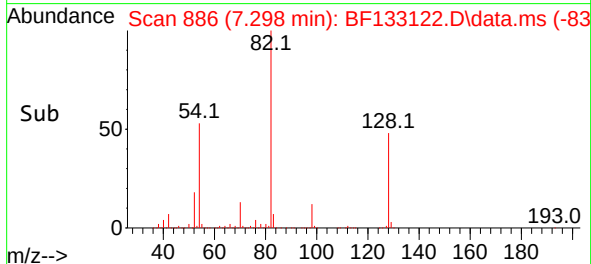
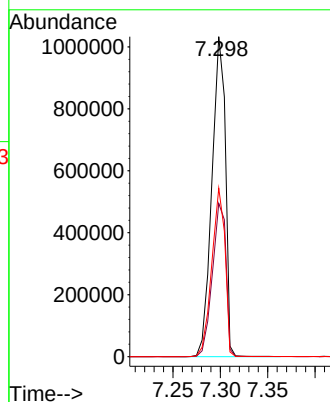
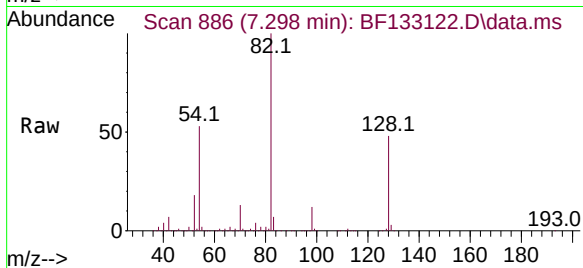
BNA_F

ClientSampleId :

PZ-01

Tgt Ion: 82 Resp: 1025625

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	52.6	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

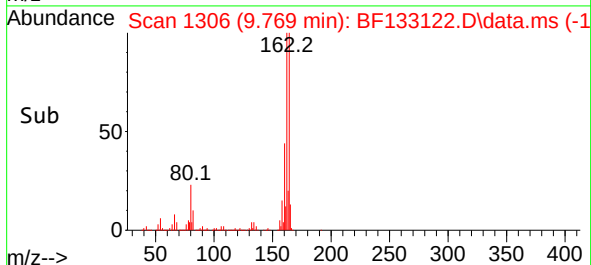
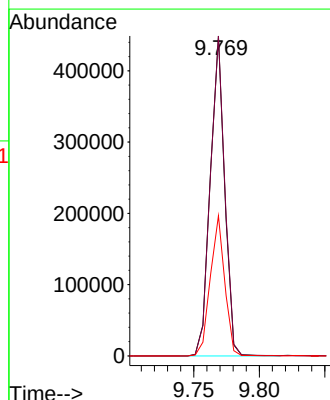
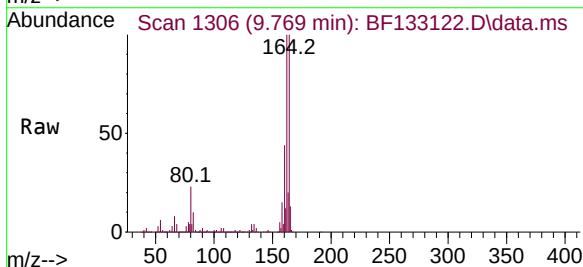
Delta R.T. -0.006 min

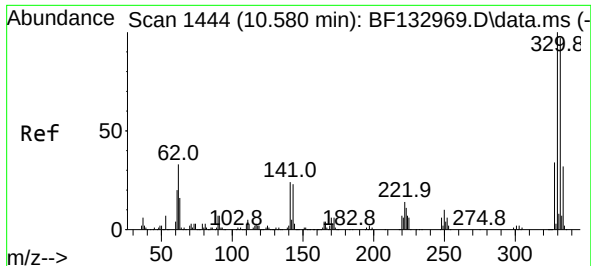
Lab File: BF133122.D

Acq: 28 Apr 2023 14:26

Tgt Ion:164 Resp: 341964

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.7	118.1
160	43.8	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 120.261 ng

RT: 10.557 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133122.D

Acq: 28 Apr 2023 14:26

Instrument :

BNA_F

ClientSampleId :

PZ-01

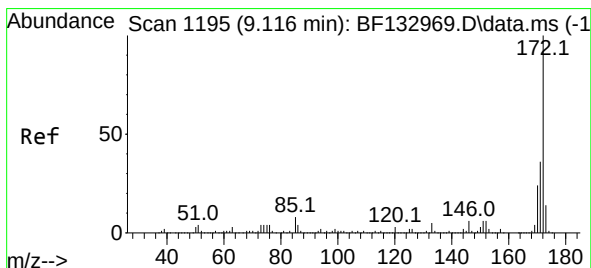
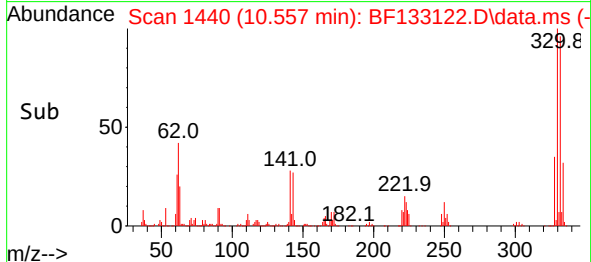
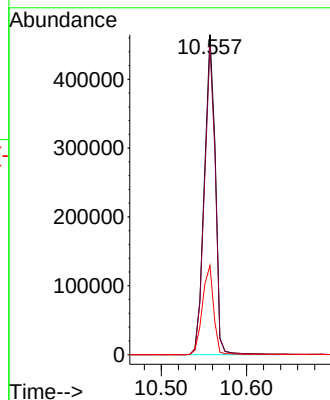
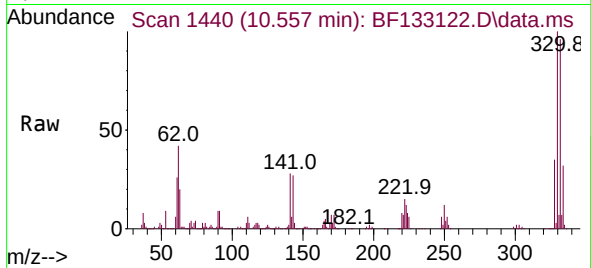
Tgt Ion:330 Resp: 413589

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 28.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.489 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133122.D

Acq: 28 Apr 2023 14:26

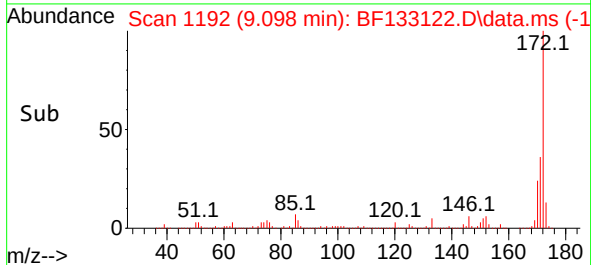
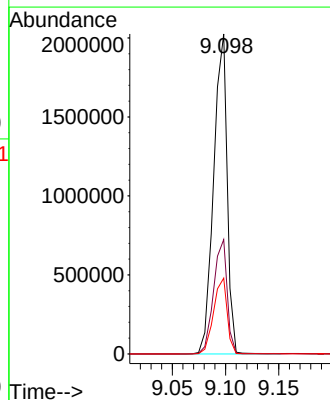
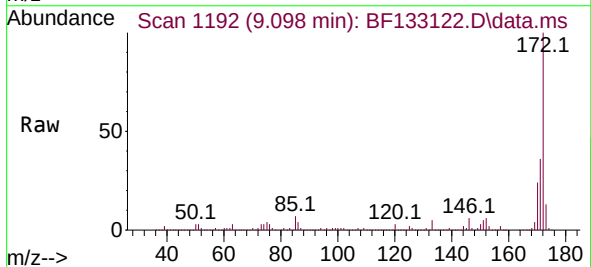
Tgt Ion:172 Resp: 1788281

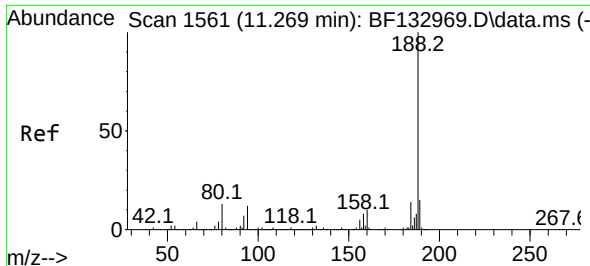
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.7 19.4 29.2

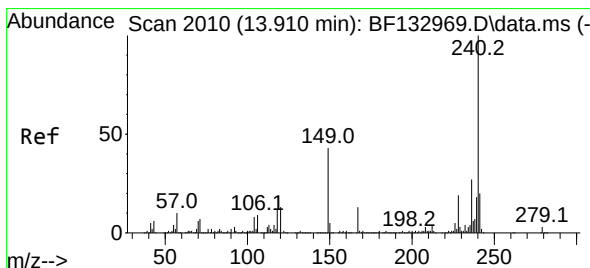
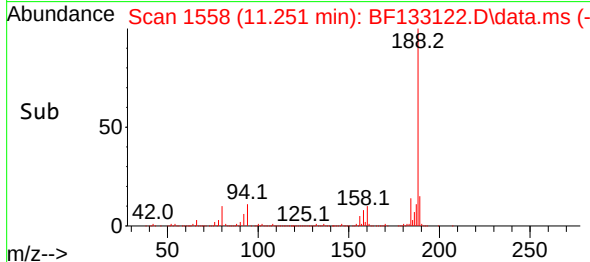
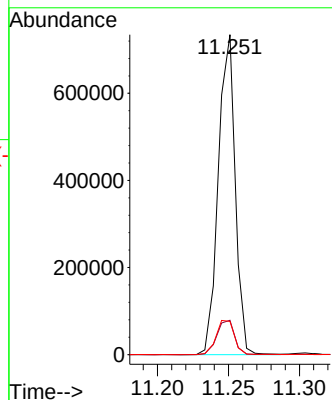
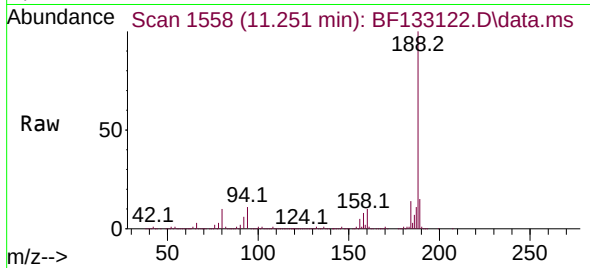




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

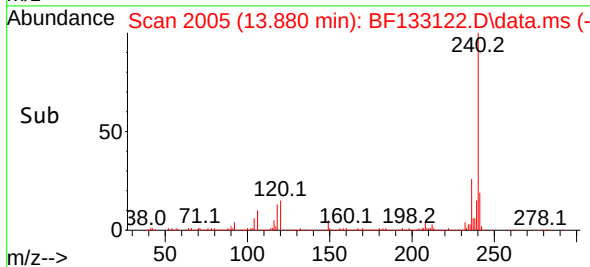
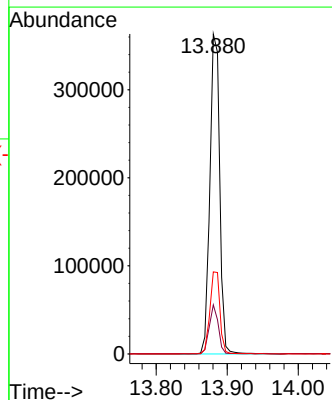
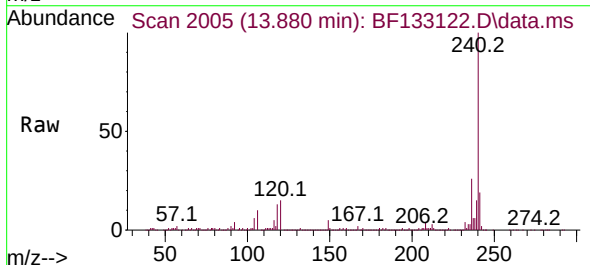
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PZ-01

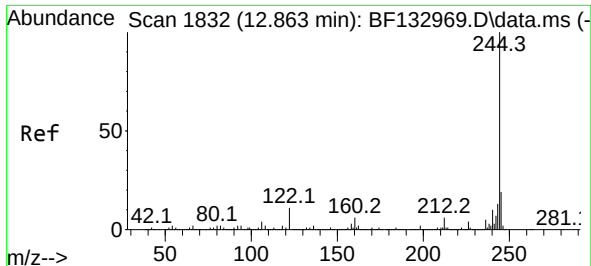
Tgt Ion:188 Resp: 610328
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 10.4 10.4 15.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133122.D
Acq: 28 Apr 2023 14:26

Tgt Ion:240 Resp: 346614
Ion Ratio Lower Upper
240 100
120 15.3 10.5 15.7
236 25.6 21.5 32.3

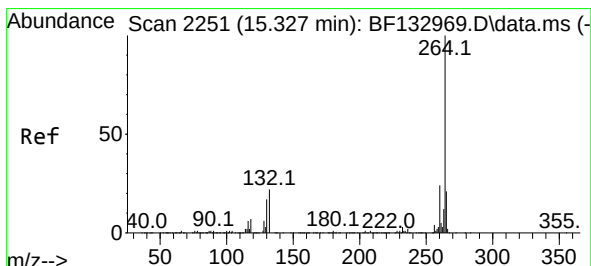
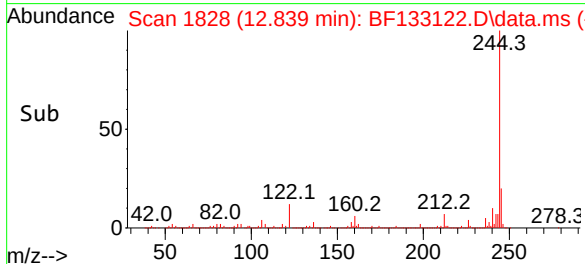
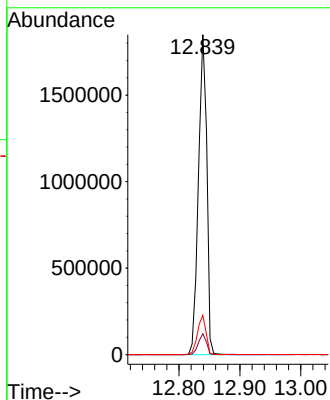
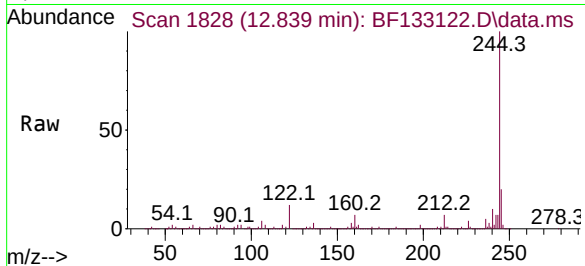




#79
 Terphenyl-d14
 Concen: 87.445 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF133122.D
 Acq: 28 Apr 2023 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PZ-01

Tgt Ion:244 Resp: 1757427
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.3 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133122.D
 Acq: 28 Apr 2023 14:26

Tgt Ion:264 Resp: 350544
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.2 17.0 25.4

