

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132138.D
 Acq On : 19 Jan 2023 01:56
 Operator : CG\JU
 Sample : 01190-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-9

Quant Time: Jan 19 05:25:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	205174	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	741112	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	407682	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	803905	20.000	ng	0.00
76) Chrysene-d12	14.307	240	552191	20.000	ng	0.00
86) Perylene-d12	15.906	264	472983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1128696	97.873	ng	0.00
7) Phenol-d6	6.707	99	1451460	97.425	ng	0.00
23) Nitrobenzene-d5	7.660	82	973702	69.739	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	454960	101.996	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1600746	68.316	ng	0.00
79) Terphenyl-d14	13.242	244	1945674	57.171	ng	0.00

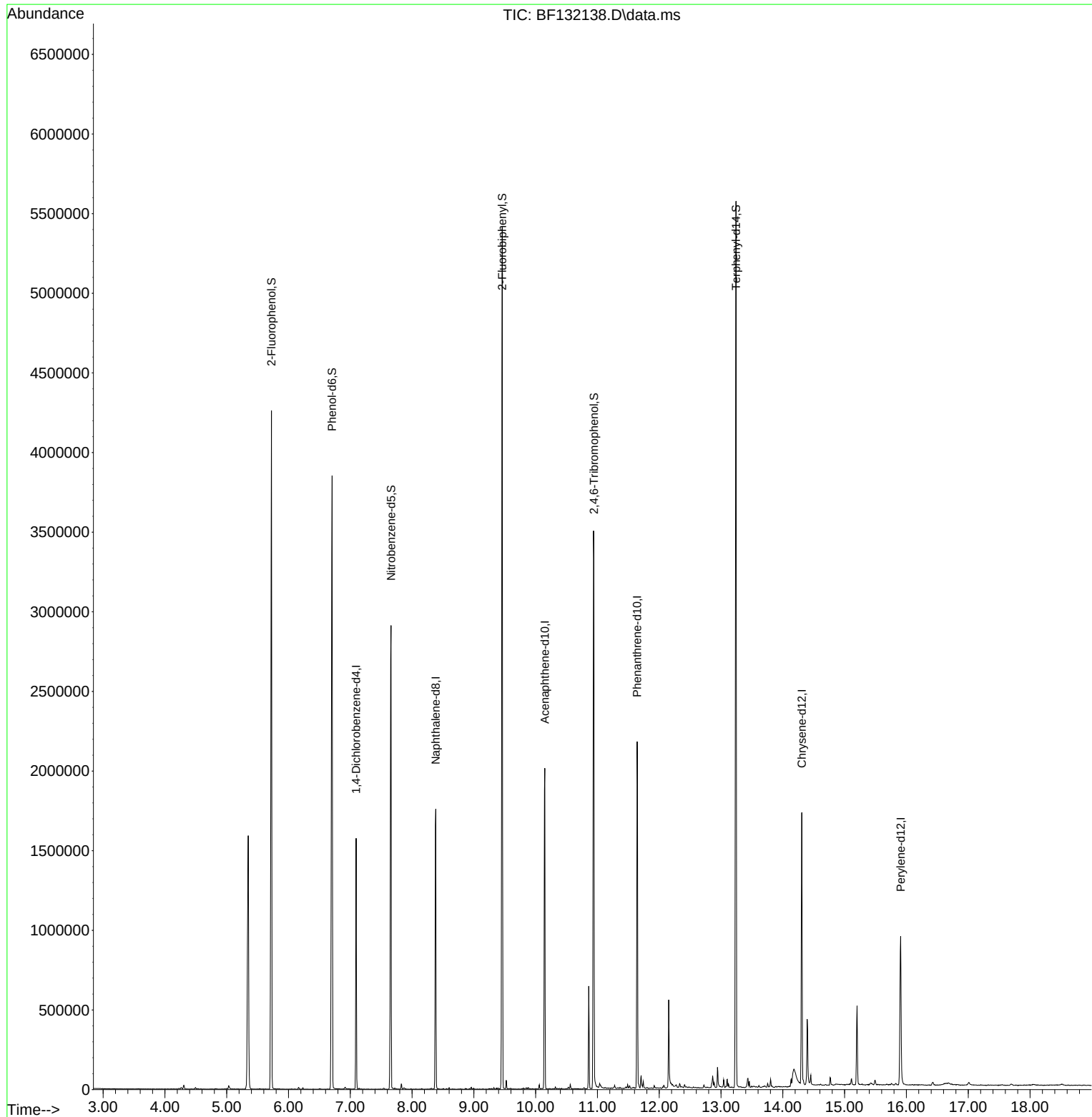
Target Compounds	Qvalue

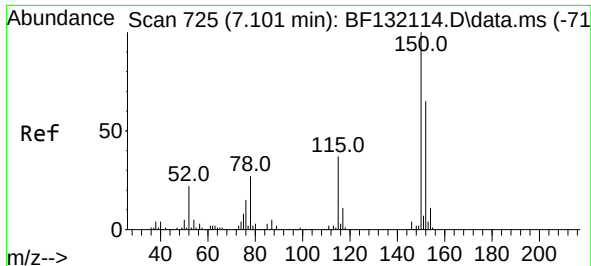
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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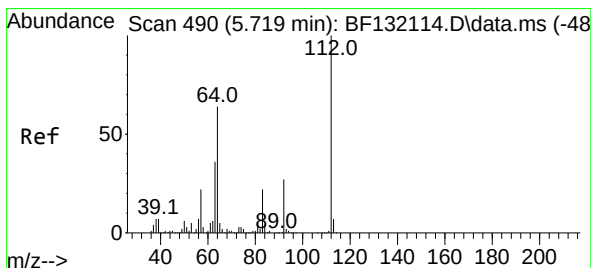
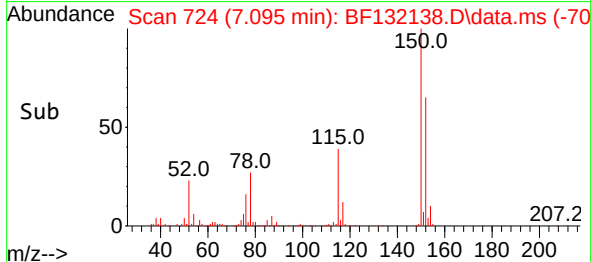
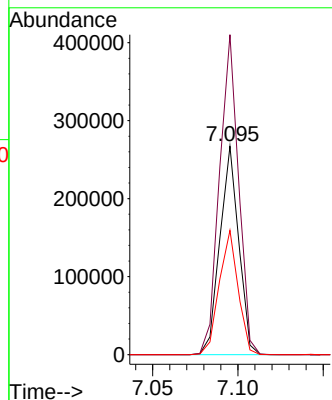
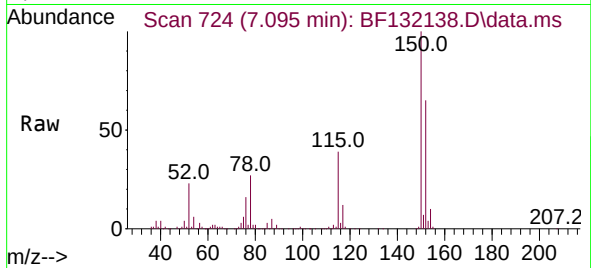




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132138.D
 Acq: 19 Jan 2023 01:56

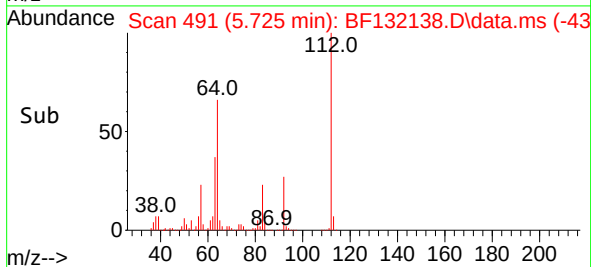
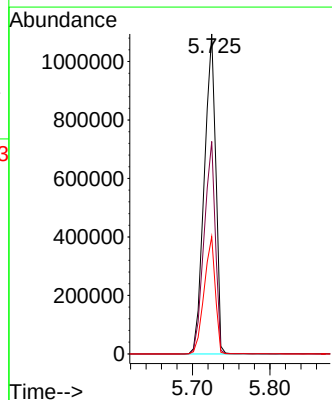
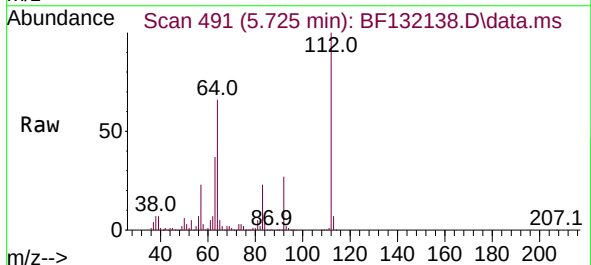
Instrument :
 BNA_F
 ClientSampleId :
 PE-9

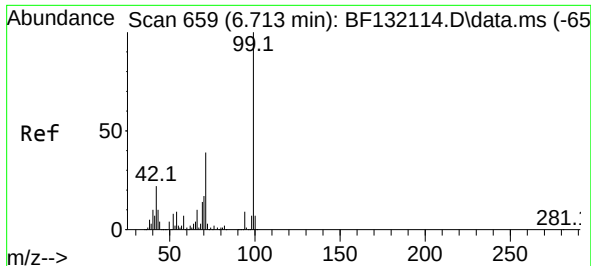
Tgt Ion:152 Resp: 205174
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.3 184.9
 115 59.6 45.8 68.6



#5
 2-Fluorophenol
 Concen: 97.873 ng
 RT: 5.725 min Scan# 491
 Delta R.T. 0.006 min
 Lab File: BF132138.D
 Acq: 19 Jan 2023 01:56

Tgt Ion:112 Resp: 1128696
 Ion Ratio Lower Upper
 112 100
 64 66.4 51.0 76.6
 63 36.6 28.7 43.1





#7

Phenol-d6

Concen: 97.425 ng

RT: 6.707 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

Instrument :

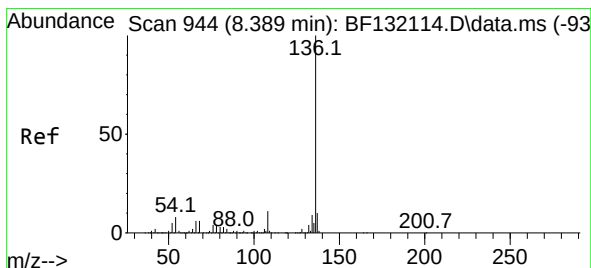
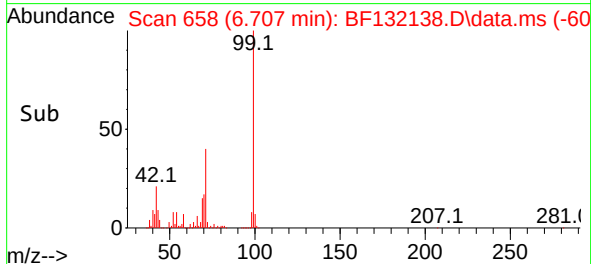
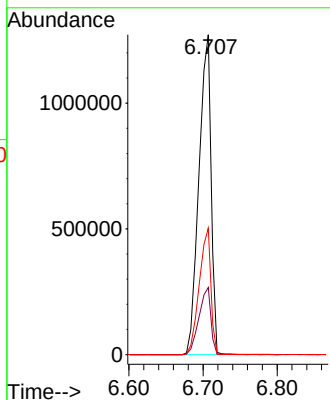
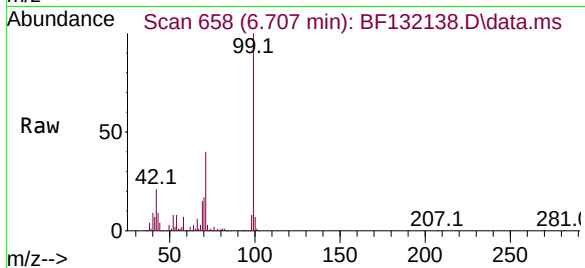
BNA_F

ClientSampleId :

PE-9

Tgt Ion: 99 Resp: 1451460

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.2	25.8
71	39.5	31.0	46.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.383 min Scan# 943

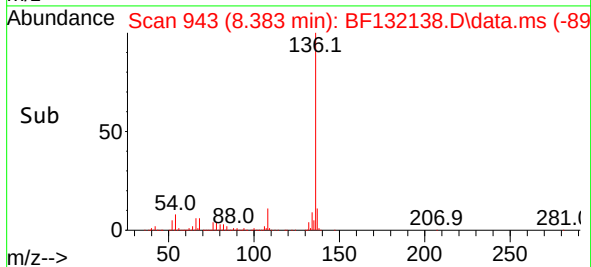
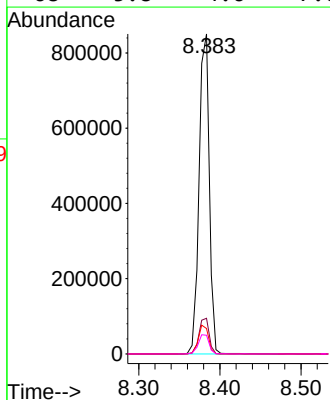
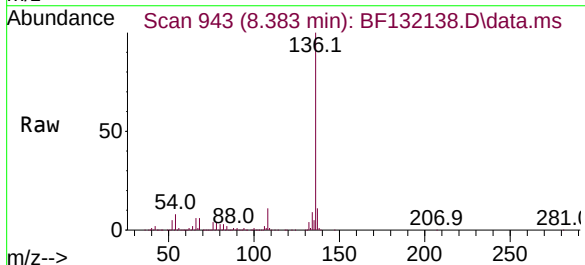
Delta R.T. -0.006 min

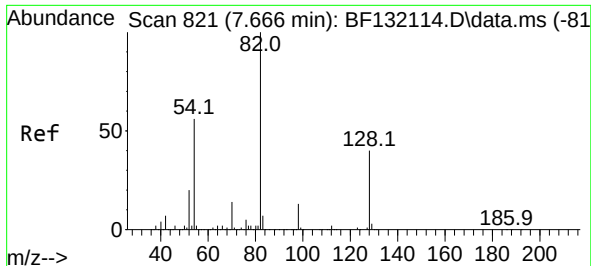
Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

Tgt Ion: 136 Resp: 741112

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.9	6.6	10.0
68	5.8	4.6	7.0

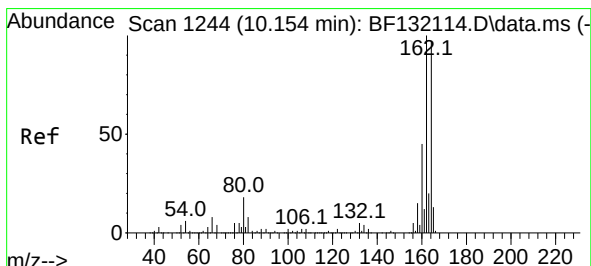
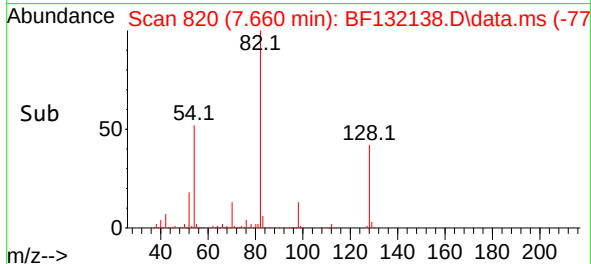
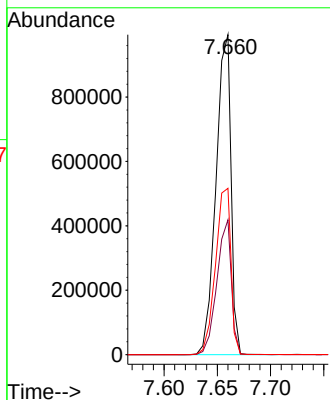
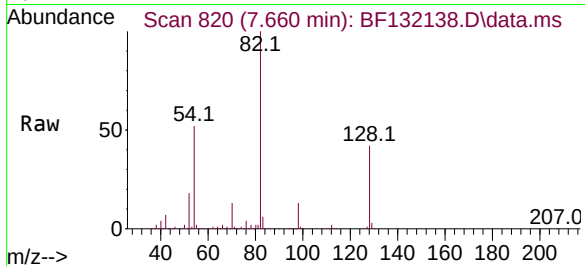




#23
Nitrobenzene-d5
Concen: 69.739 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

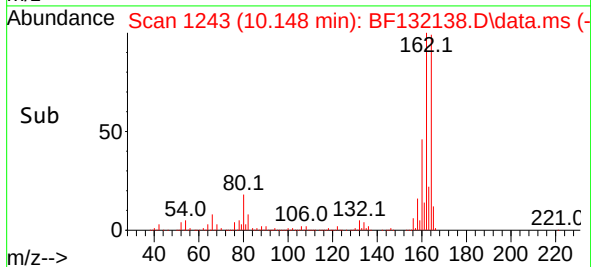
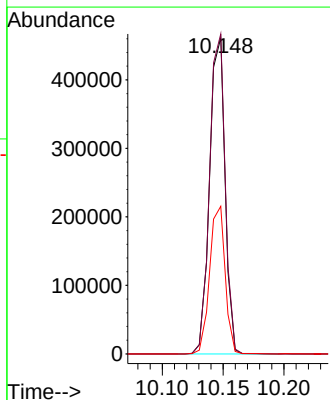
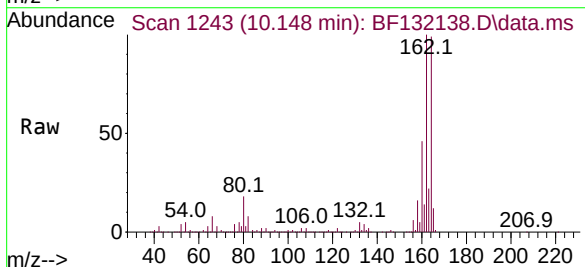
Instrument :
BNA_F
ClientSampleId :
PE-9

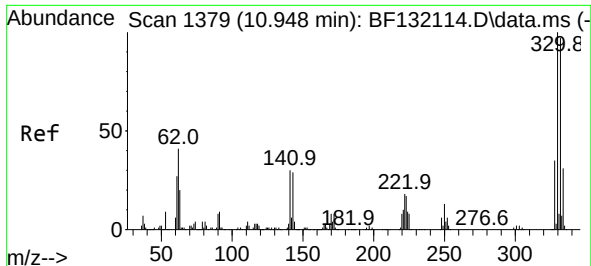
Tgt Ion: 82 Resp: 973702
Ion Ratio Lower Upper
82 100
128 42.1 32.0 48.0
54 52.0 45.1 67.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

Tgt Ion: 164 Resp: 407682
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 46.7 37.3 55.9

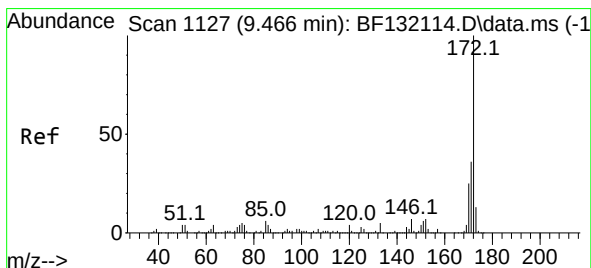
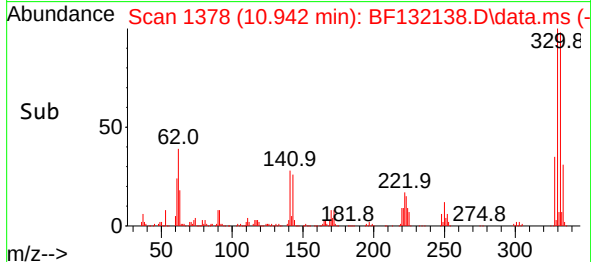
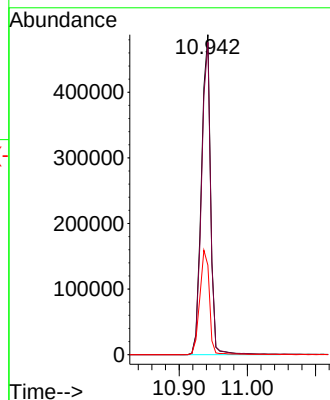
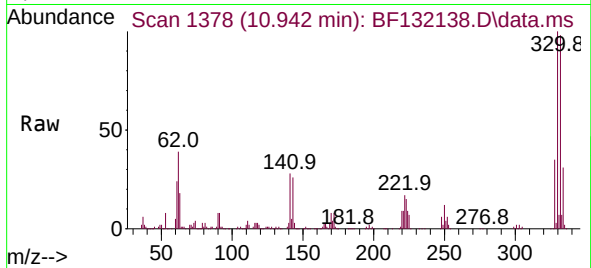




#42
 2,4,6-Tribromophenol
 Concen: 101.996 ng
 RT: 10.942 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: BF132138.D
 Acq: 19 Jan 2023 01:56

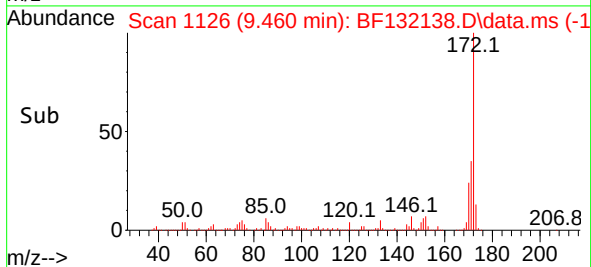
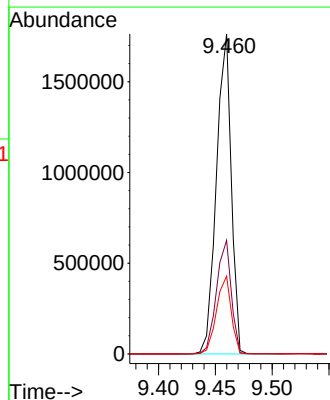
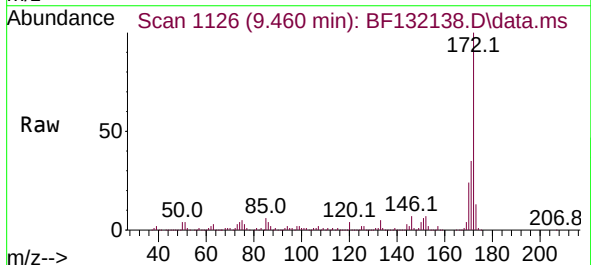
Instrument :
 BNA_F
 ClientSampleId :
 PE-9

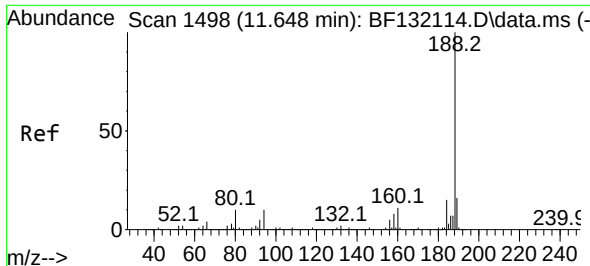
Tgt Ion:330 Resp: 454960
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 34.0 28.2 42.4



#45
 2-Fluorobiphenyl
 Concen: 68.316 ng
 RT: 9.460 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: BF132138.D
 Acq: 19 Jan 2023 01:56

Tgt Ion:172 Resp: 1600746
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.4
 170 24.3 19.7 29.5

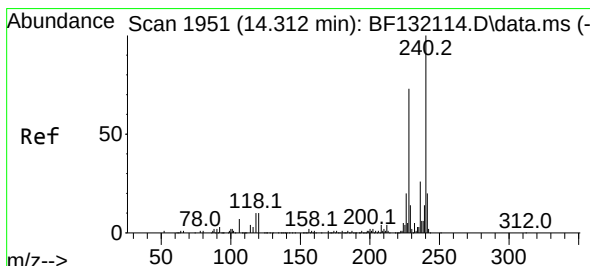
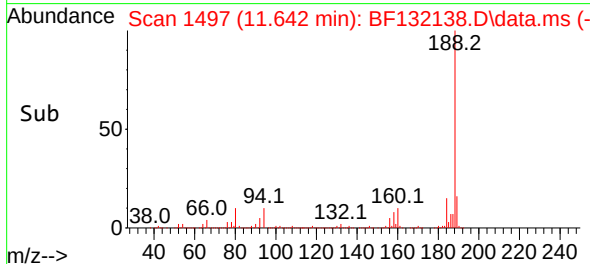
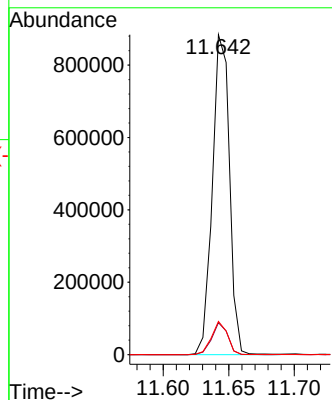
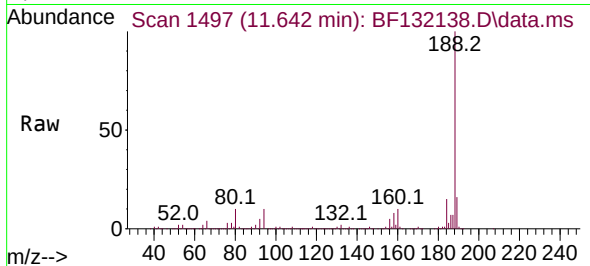




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

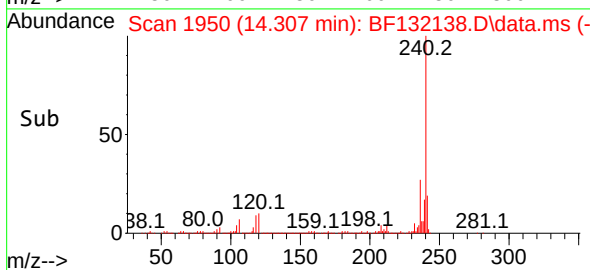
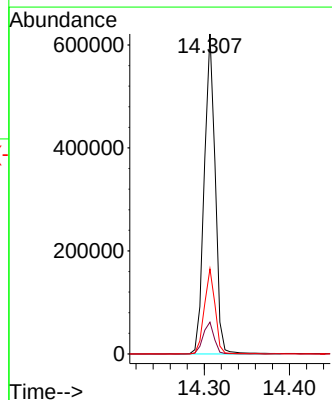
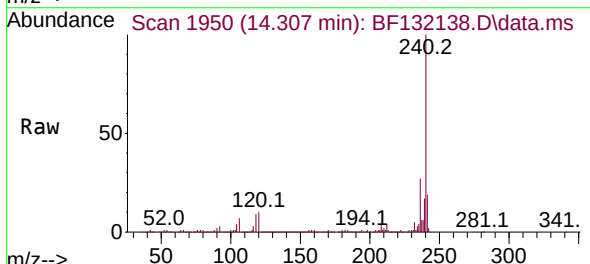
Instrument :
BNA_F
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PE-9

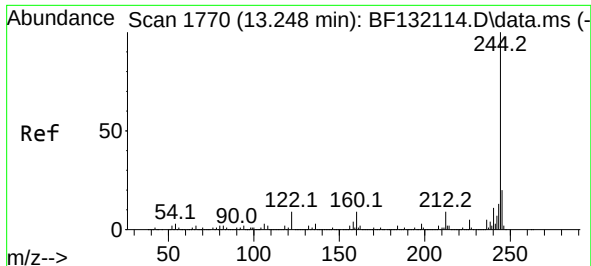
Tgt Ion:188 Resp: 803905
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

Tgt Ion:240 Resp: 552191
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.4
236 26.6 21.2 31.8

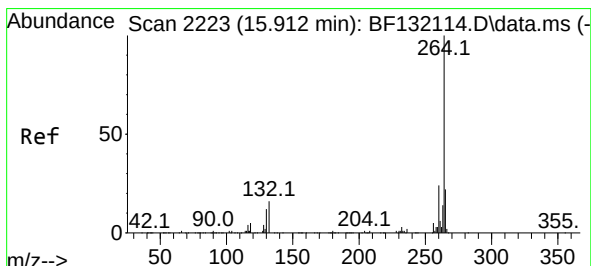
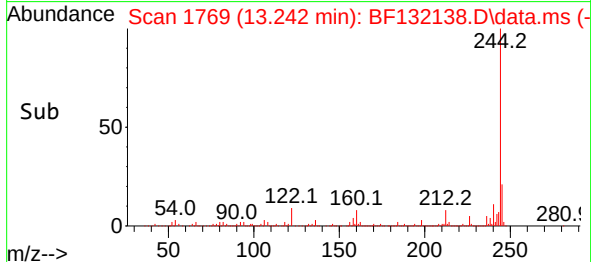
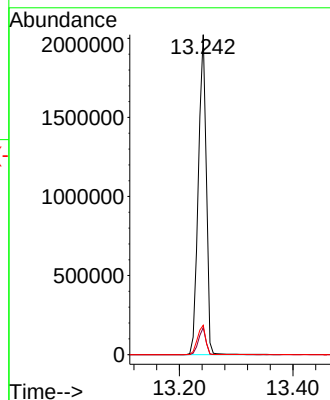
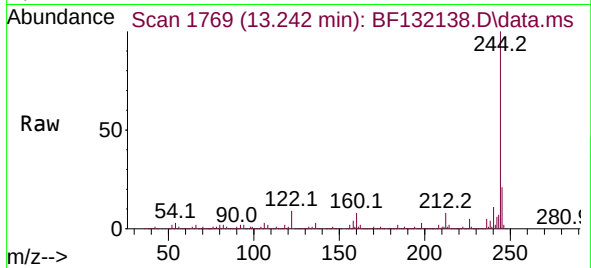




#79
 Terphenyl-d14
 Concen: 57.171 ng
 RT: 13.242 min Scan# 1770
 Delta R.T. -0.006 min
 Lab File: BF132138.D
 Acq: 19 Jan 2023 01:56

Instrument :
 BNA_F
 ClientSampleId :
 PE-9

Tgt Ion:244 Resp: 1945674
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 9.2 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.906 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF132138.D
 Acq: 19 Jan 2023 01:56

Tgt Ion:264 Resp: 472983
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 20.7 17.5 26.3

