

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132128.D
 Acq On : 18 Jan 2023 20:31
 Operator : CG\JU
 Sample : 01159-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-E

Quant Time: Jan 19 05:22:36 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)

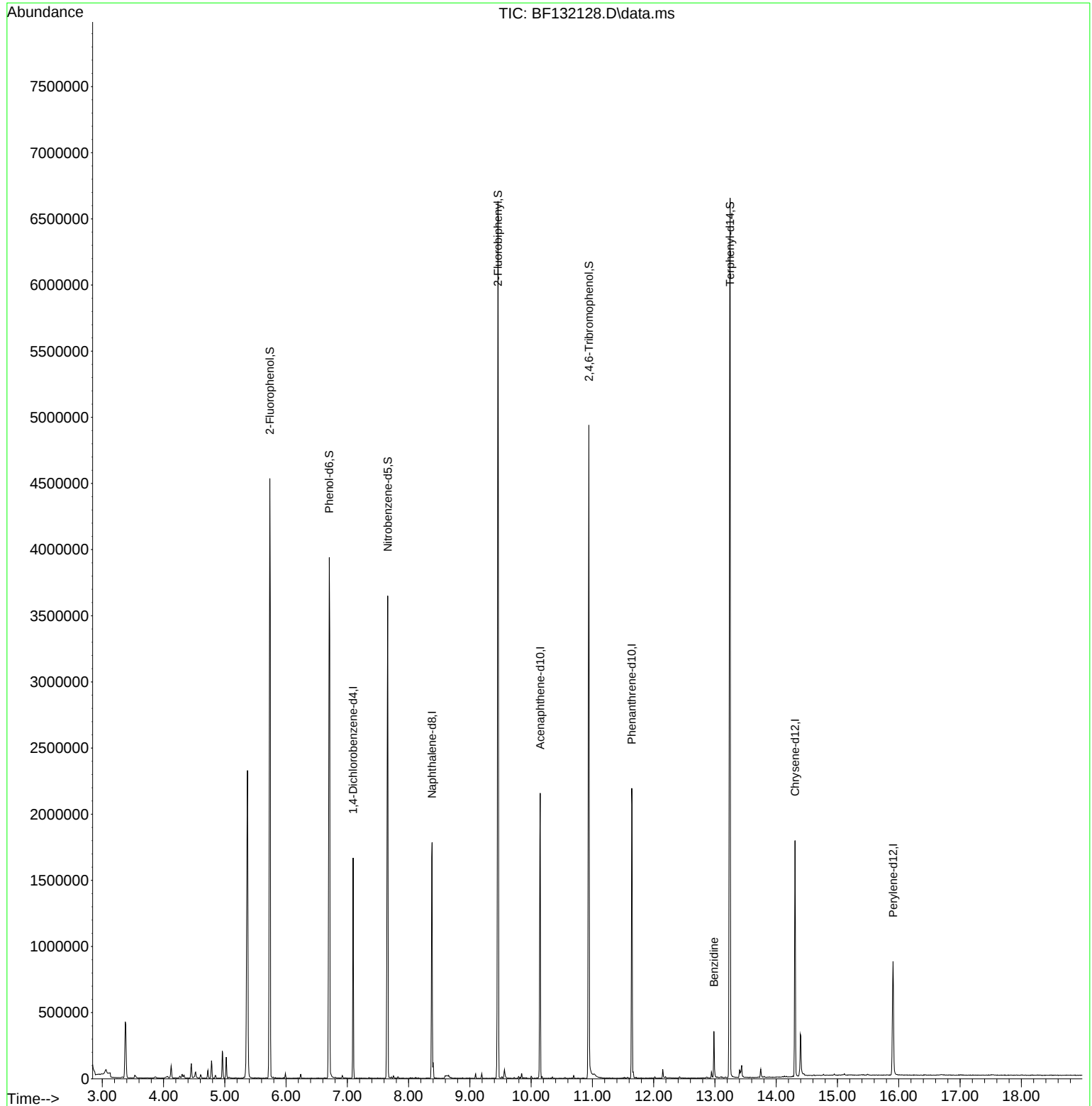
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	214363	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	777090	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	419982	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	834496	20.000	ng	0.00
76) Chrysene-d12	14.307	240	583731	20.000	ng	0.00
86) Perylene-d12	15.907	264	443444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1329501	110.343	ng	0.02
7) Phenol-d6	6.707	99	1599794	102.779	ng	0.00
23) Nitrobenzene-d5	7.660	82	1315628	89.866	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	625663	136.158	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	2128661	88.186	ng	0.00
79) Terphenyl-d14	13.248	244	2690945	74.797	ng	0.00
Target Compounds						
77) Benzdine	12.983	184	129837	8.260	ng	Qvalue 98

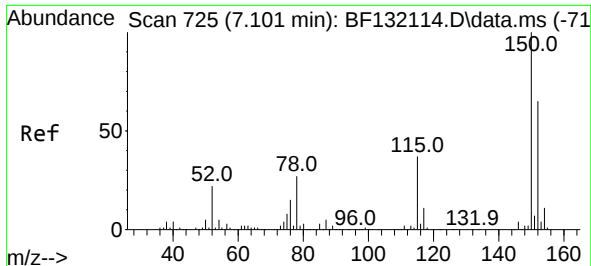
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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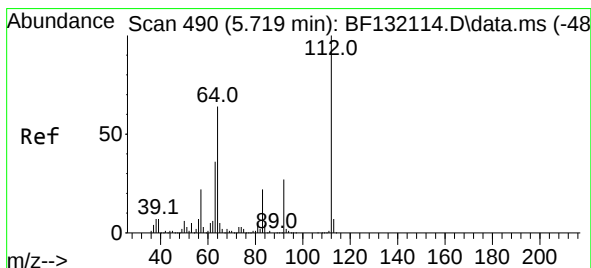
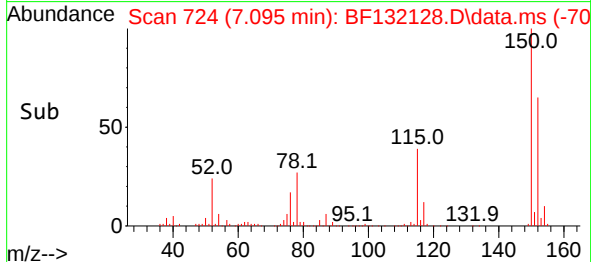
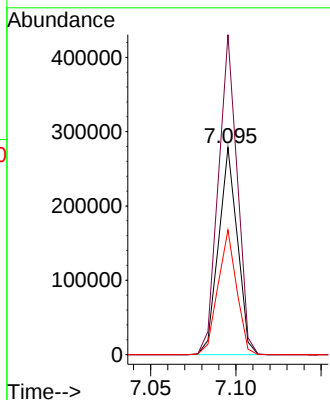
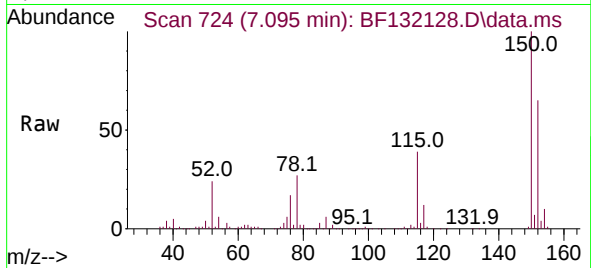




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.095 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132128.D
 Acq: 18 Jan 2023 20:31

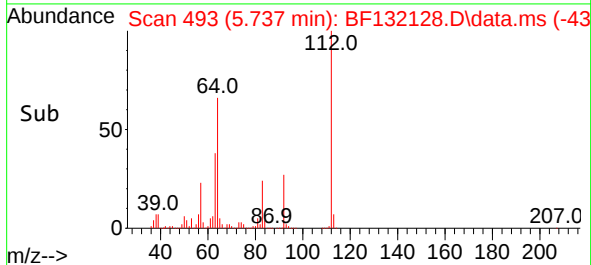
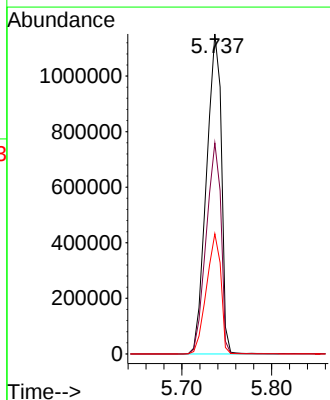
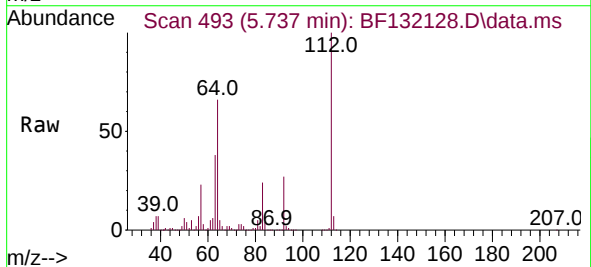
Instrument :
 BNA_F
 ClientSampleId :
 TP-E

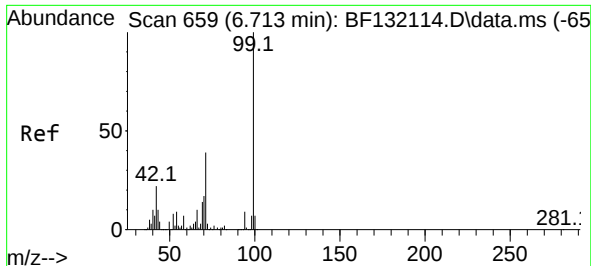
Tgt Ion:152 Resp: 214363
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.3 184.9
 115 60.1 45.8 68.6



#5
 2-Fluorophenol
 Concen: 110.343 ng
 RT: 5.737 min Scan# 493
 Delta R.T. 0.018 min
 Lab File: BF132128.D
 Acq: 18 Jan 2023 20:31

Tgt Ion:112 Resp: 1329501
 Ion Ratio Lower Upper
 112 100
 64 65.9 51.0 76.6
 63 37.5 28.7 43.1



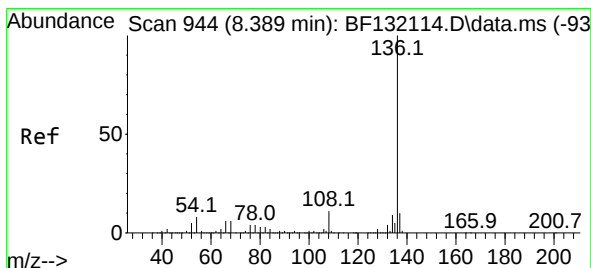
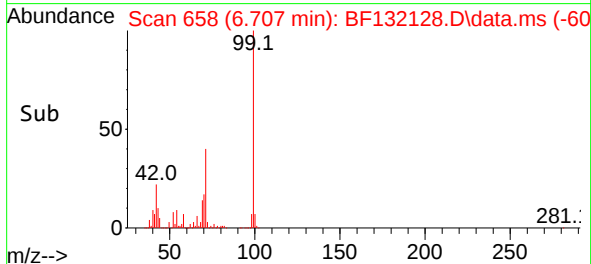
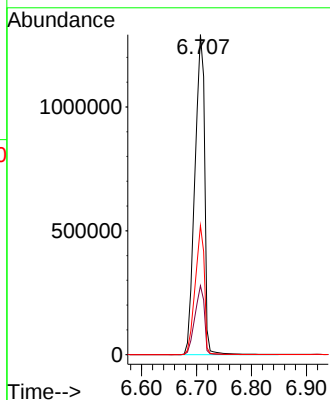
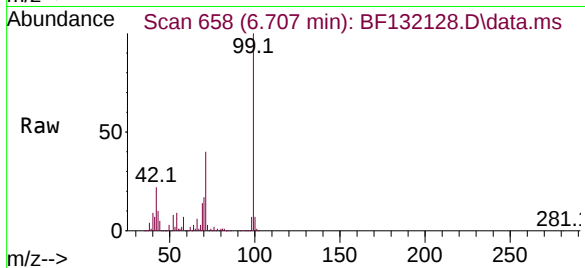


#7
Phenol-d6
Concen: 102.779 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Instrument :
BNA_F
ClientSampleId :
TP-E

Tgt Ion: 99 Resp: 1599794

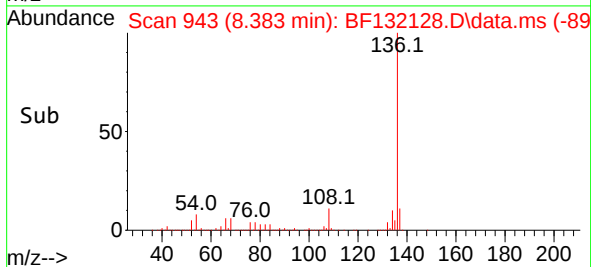
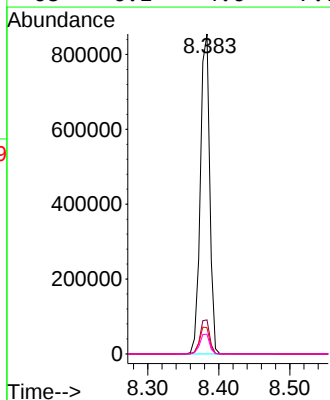
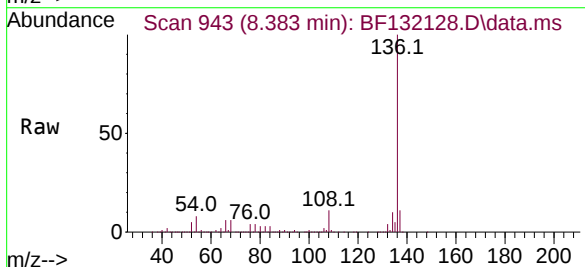
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.2	25.8
71	40.4	31.0	46.6

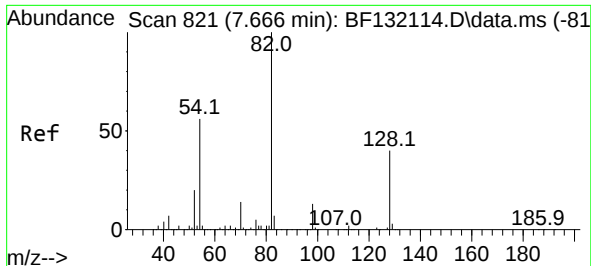


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Tgt Ion: 136 Resp: 777090

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.2	6.6	10.0
68	6.1	4.6	7.0





#23

Nitrobenzene-d5

Concen: 89.866 ng

RT: 7.660 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

Instrument :

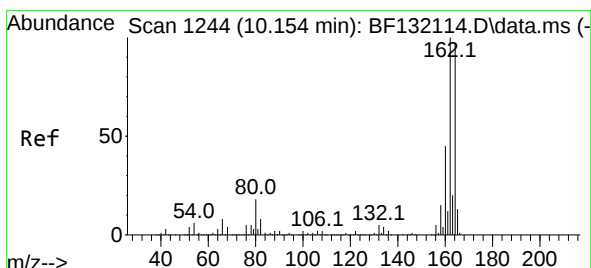
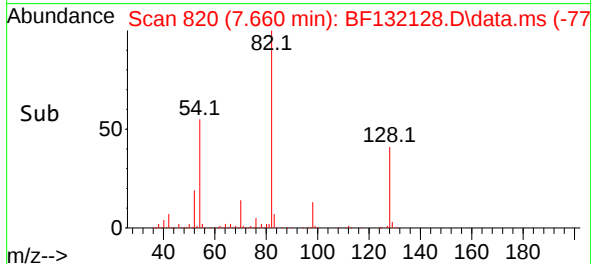
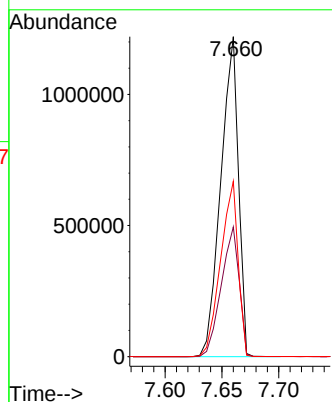
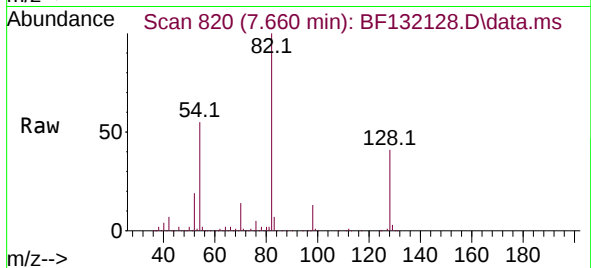
BNA_F

ClientSampleId :

TP-E

Tgt Ion: 82 Resp: 1315628

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.0	48.0
54	54.8	45.1	67.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.148 min Scan# 1243

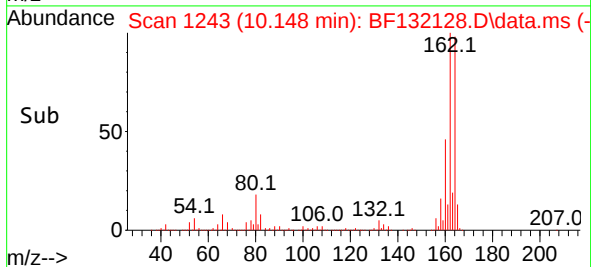
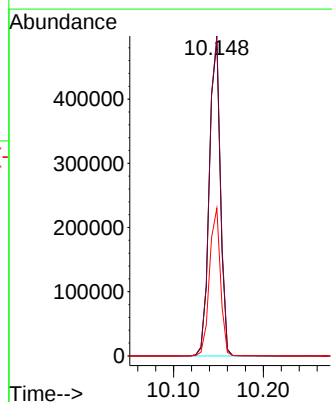
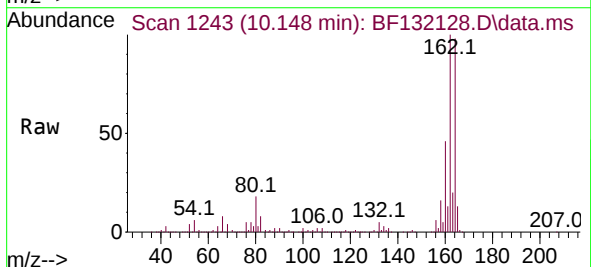
Delta R.T. -0.006 min

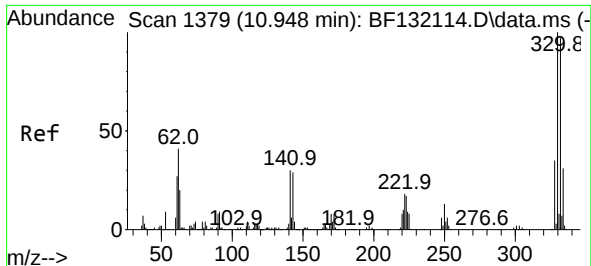
Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

Tgt Ion: 164 Resp: 419982

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.3	123.5
160	46.9	37.3	55.9





#42

2,4,6-Tribromophenol

Concen: 136.158 ng

RT: 10.942 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

Instrument :

BNA_F

ClientSampleId :

TP-E

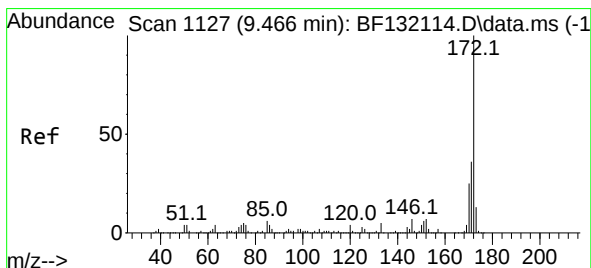
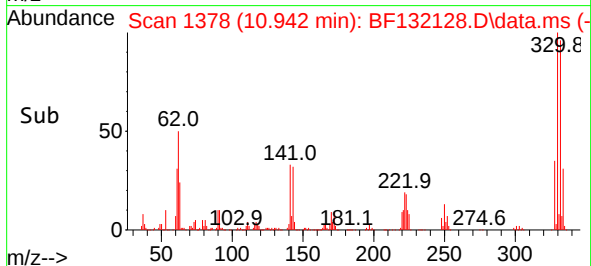
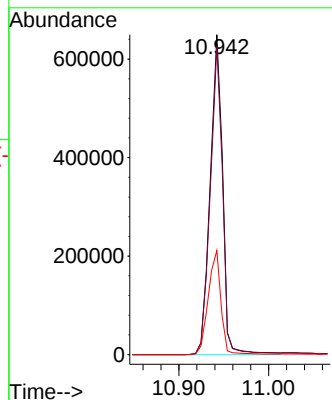
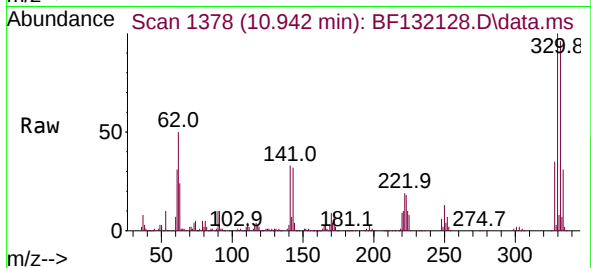
Tgt Ion:330 Resp: 625663

Ion Ratio Lower Upper

330 100

332 95.4 77.1 115.7

141 33.3 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 88.186 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

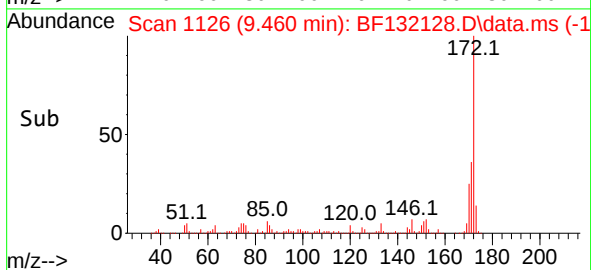
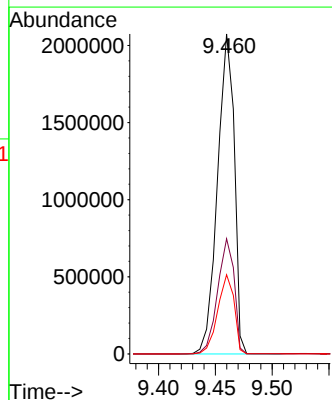
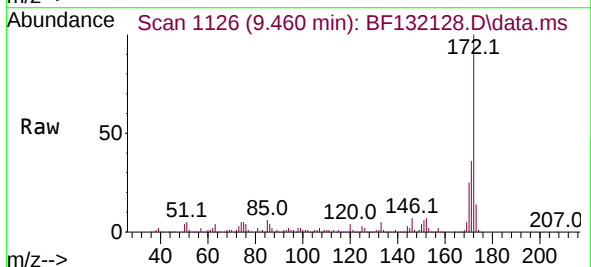
Tgt Ion:172 Resp: 2128661

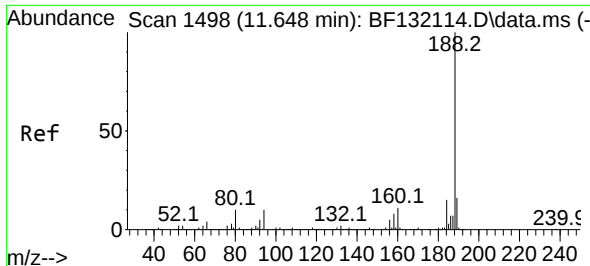
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

170 24.7 19.7 29.5

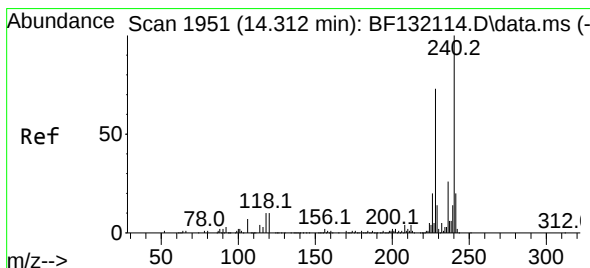
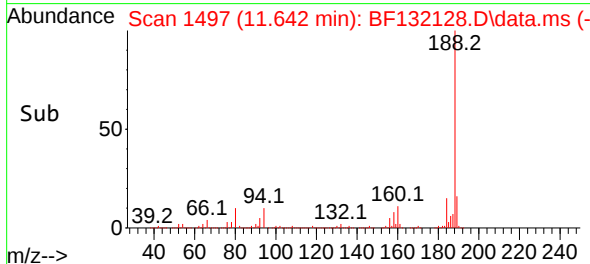
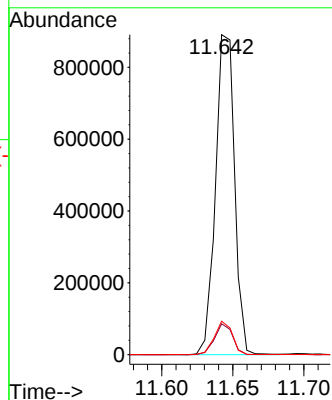
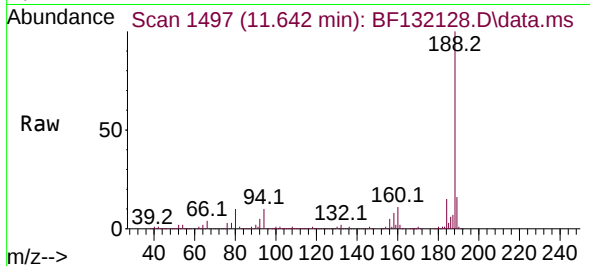




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

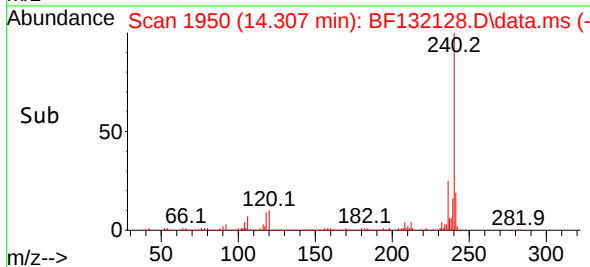
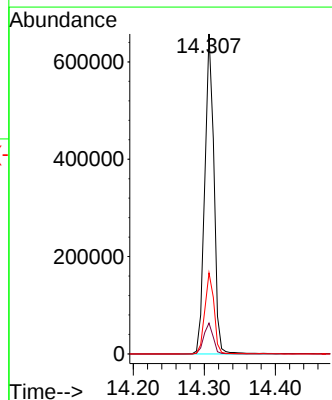
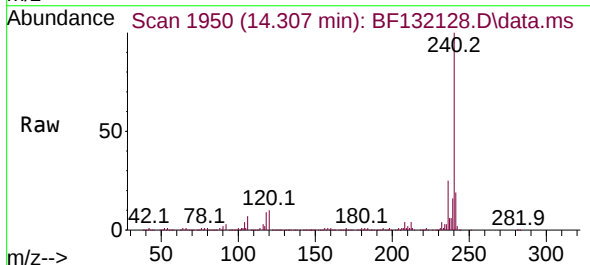
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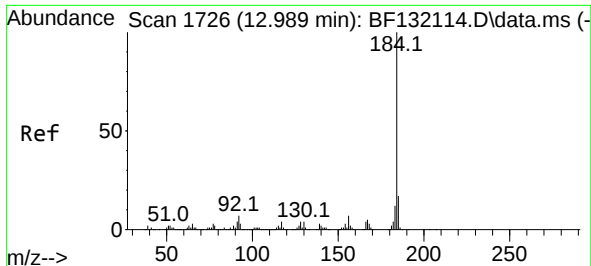
Tgt Ion:188 Resp: 834496
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.4 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Tgt Ion:240 Resp: 583731
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 25.3 21.2 31.8

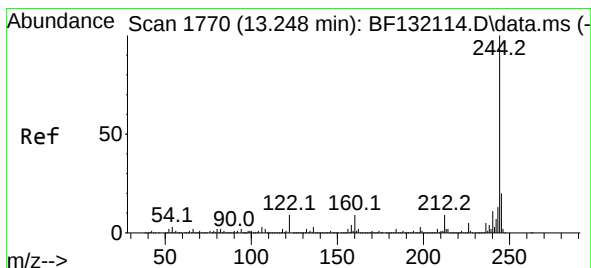
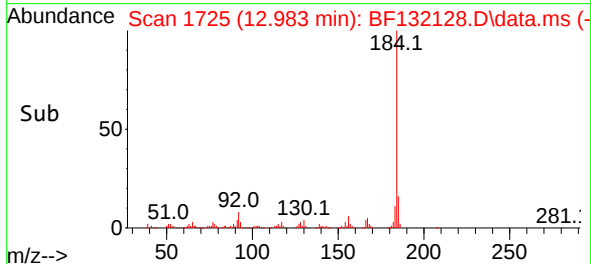
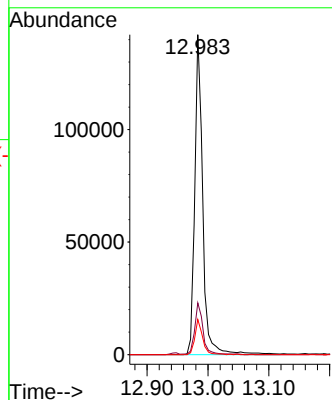
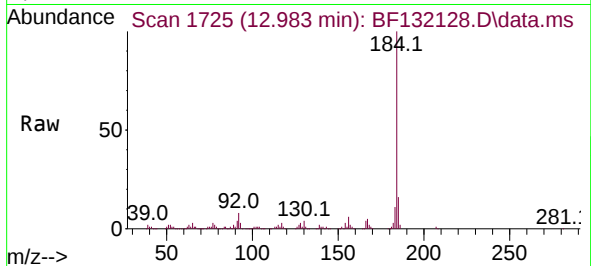




#77
Benzidine
Concen: 8.260 ng
RT: 12.983 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

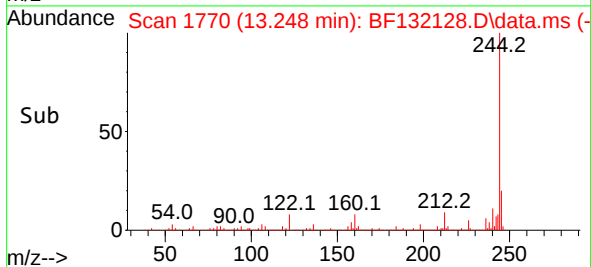
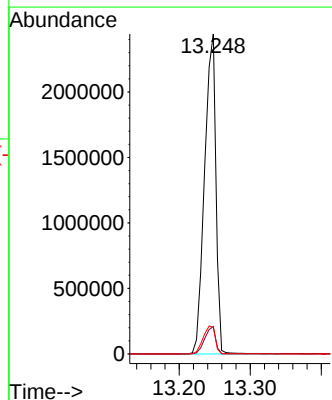
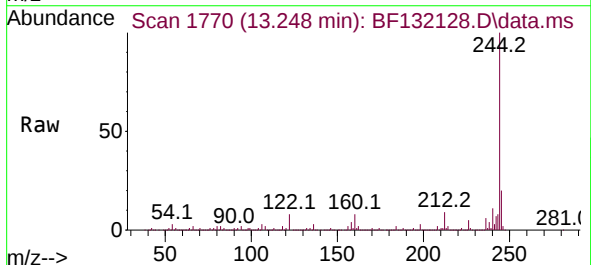
Instrument :
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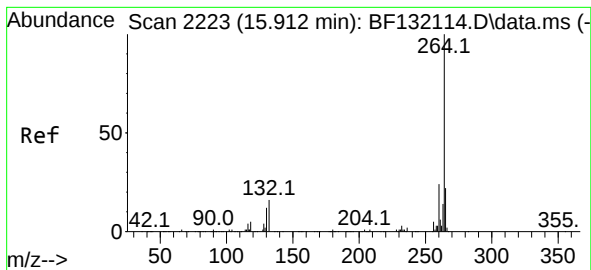
Tgt Ion:184 Resp: 129837
Ion Ratio Lower Upper
184 100
185 16.2 13.7 20.5
183 11.0 9.4 14.0



#79
Terphenyl-d14
Concen: 74.797 ng
RT: 13.248 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF132128.D
Acq: 18 Jan 2023 20:31

Tgt Ion:244 Resp: 2690945
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 8.4 7.0 10.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132128.D

Acq: 18 Jan 2023 20:31

Instrument :

BNA_F

ClientSampleId :

TP-E

Tgt Ion:264 Resp: 443444

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.2 17.5 26.3

