

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136018.D
 Acq On : 28 Oct 2023 21:49
 Operator : CG\JU
 Sample : 05051-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-2A

Quant Time: Oct 30 00:31:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

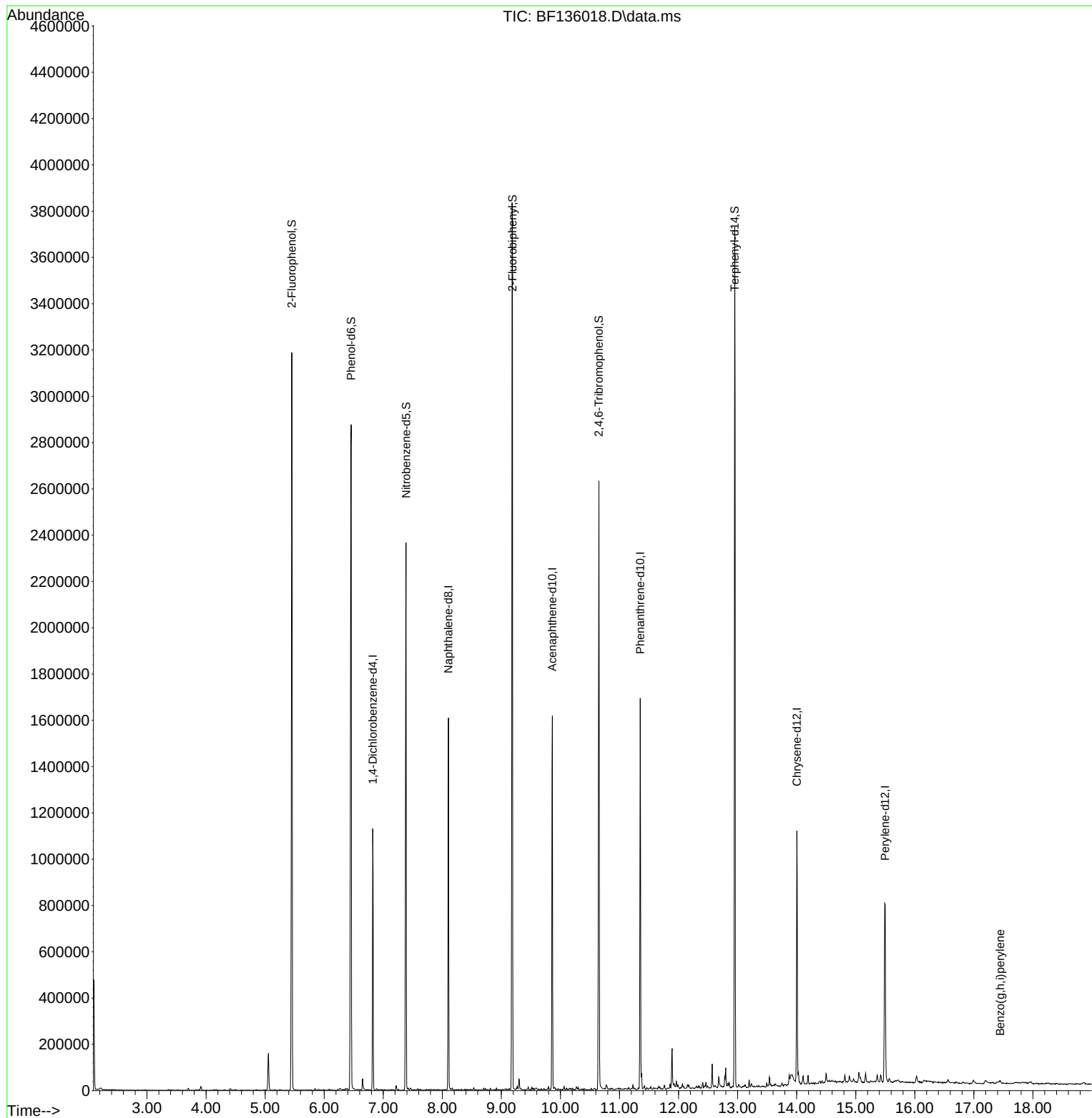
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	161344	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	618523	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	314115	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	563647	20.000	ng	0.00
76) Chrysene-d12	14.004	240	342500	20.000	ng	0.00
86) Perylene-d12	15.498	264	380390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	920309	88.079	ng	0.00
7) Phenol-d6	6.457	99	1173933	90.246	ng	0.00
23) Nitrobenzene-d5	7.387	82	677912	72.415	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	316048	114.950	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1226301	62.513	ng	0.00
79) Terphenyl-d14	12.951	244	1333372	65.044	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.445	276	9953	4.195	ng	Qvalue 98

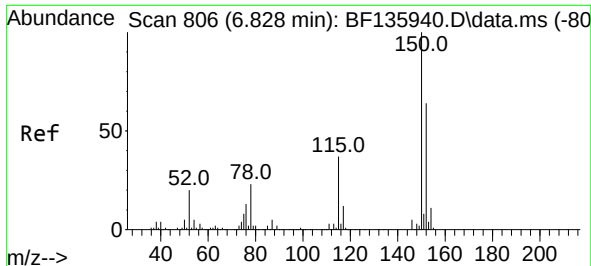
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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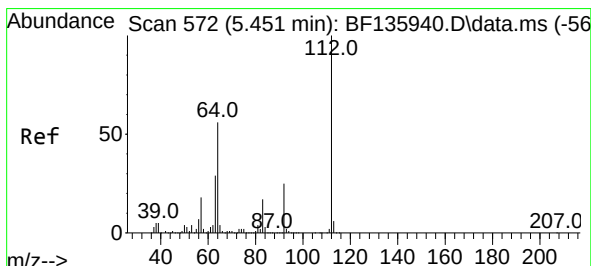
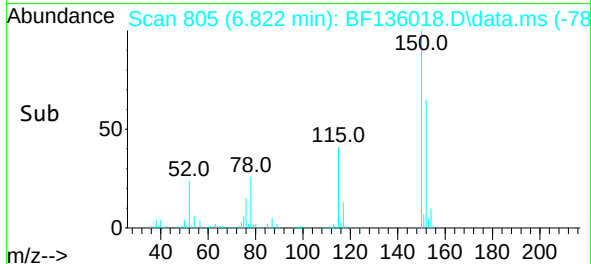
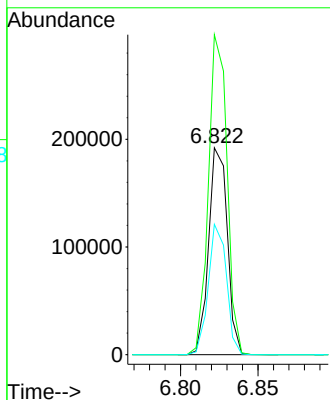
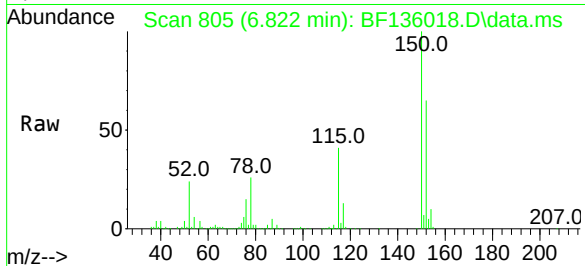




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

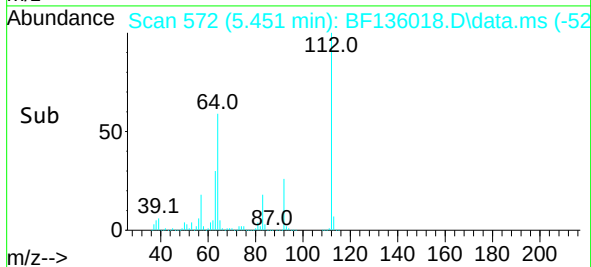
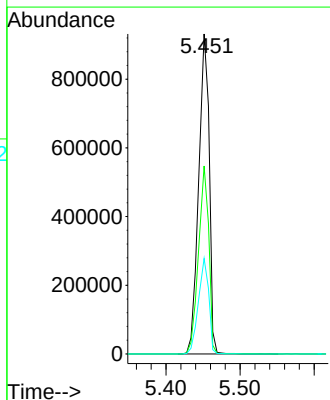
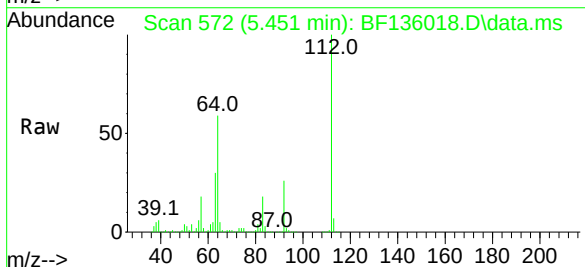
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

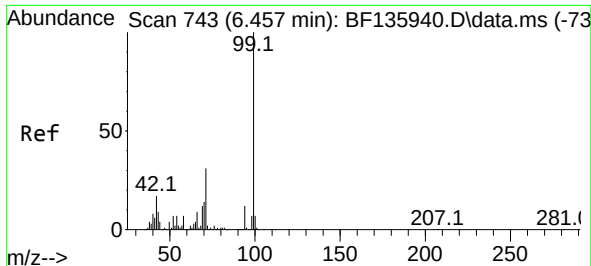
Tgt Ion:152 Resp: 161344
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 63.1 46.6 69.8



#5
2-Fluorophenol
Concen: 88.079 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion:112 Resp: 920309
Ion Ratio Lower Upper
112 100
64 58.8 45.1 67.7
63 29.9 23.0 34.4



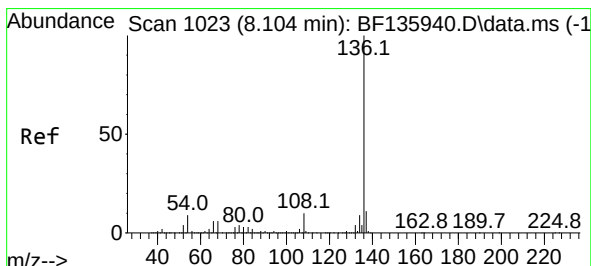
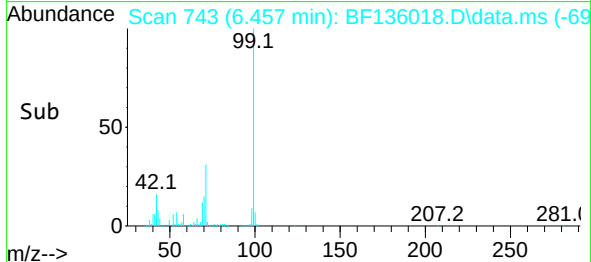
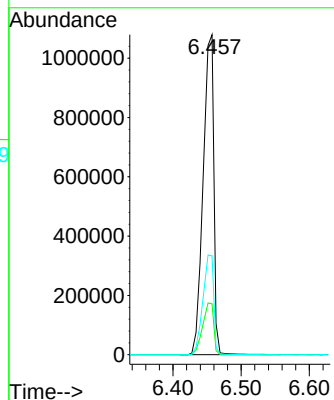
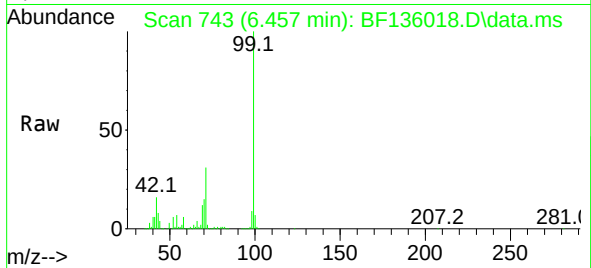


#7
Phenol-d6
Concen: 90.246 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

Tgt Ion: 99 Resp: 1173933

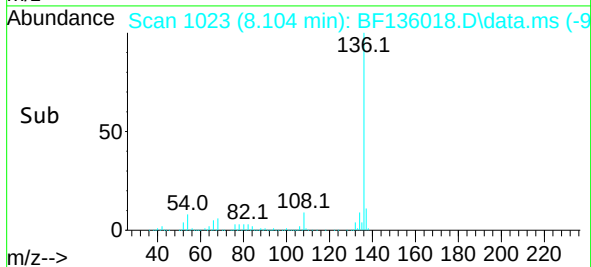
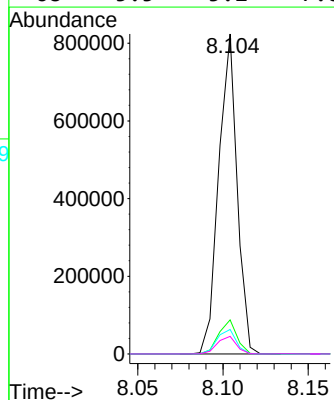
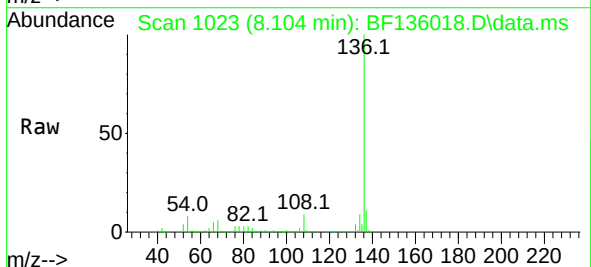
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.8	20.8
71	30.9	25.1	37.7

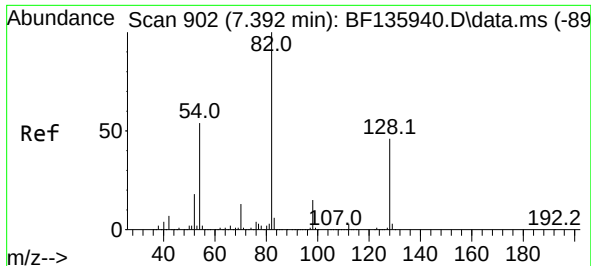


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion: 136 Resp: 618523

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.7	7.1	10.7
68	5.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 72.415 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF136018.D

Acq: 28 Oct 2023 21:49

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-2A

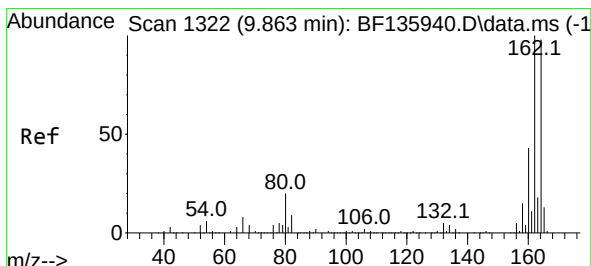
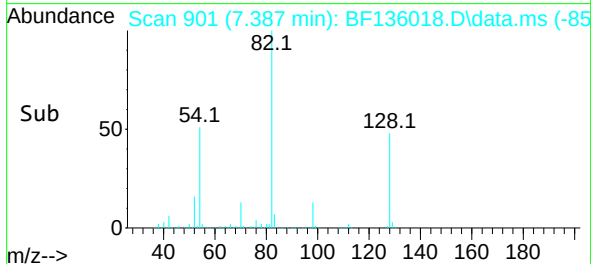
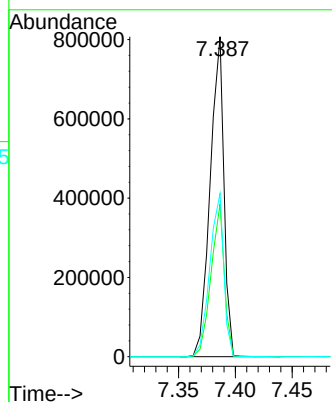
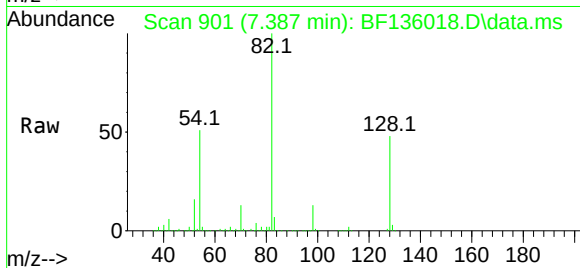
Tgt Ion: 82 Resp: 677912

Ion Ratio Lower Upper

82 100

128 47.7 36.8 55.2

54 51.1 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136018.D

Acq: 28 Oct 2023 21:49

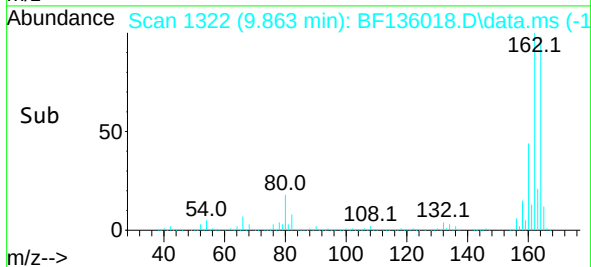
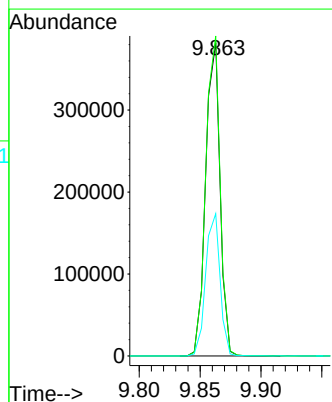
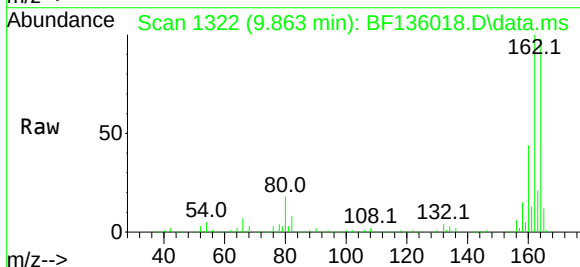
Tgt Ion: 164 Resp: 314115

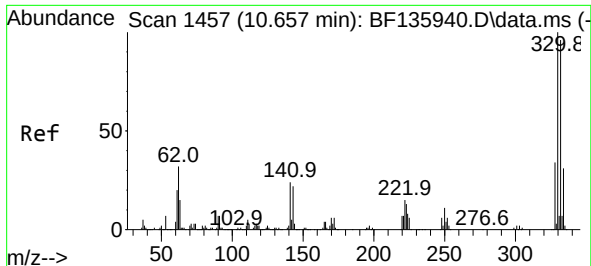
Ion Ratio Lower Upper

164 100

162 102.1 82.0 123.0

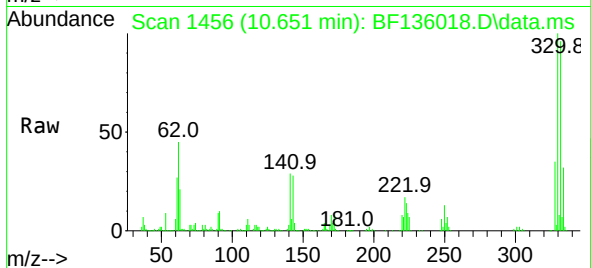
160 45.4 35.6 53.4



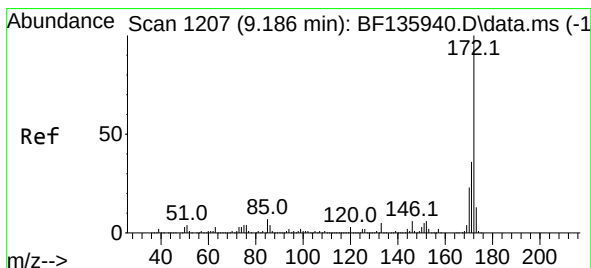
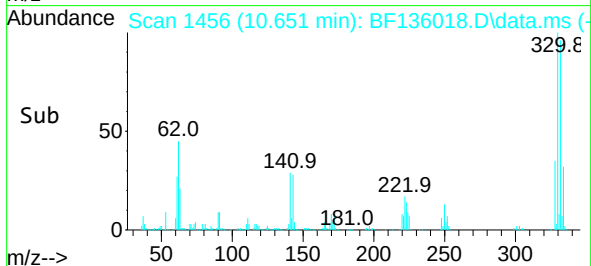
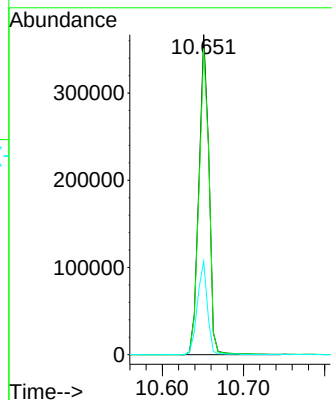


#42
2,4,6-Tribromophenol
Concen: 114.950 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

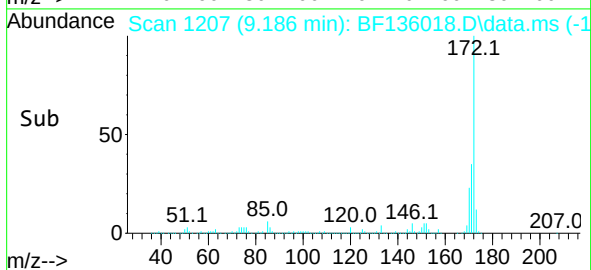
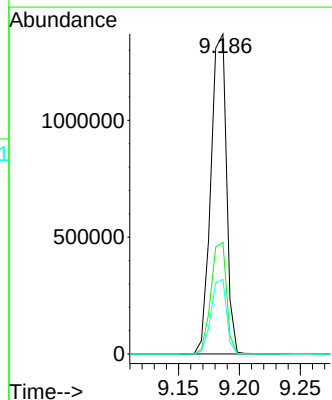
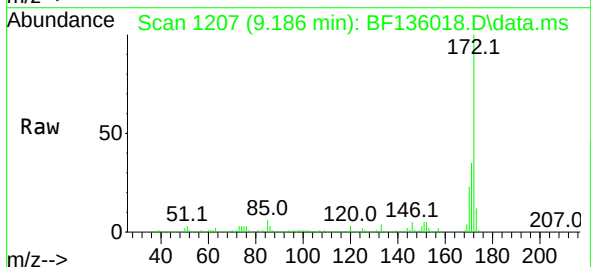


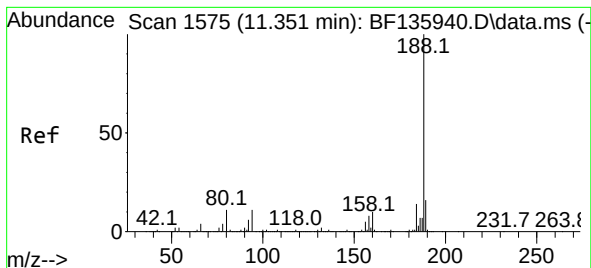
Tgt Ion:330 Resp: 316048
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 29.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 62.513 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion:172 Resp: 1226301
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136018.D

Acq: 28 Oct 2023 21:49

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-2A

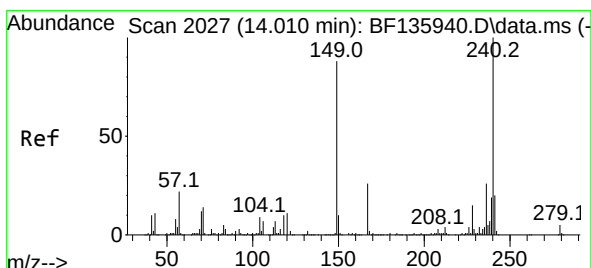
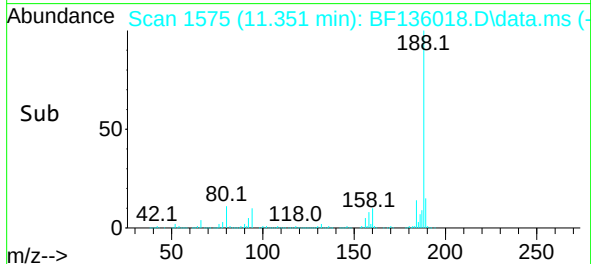
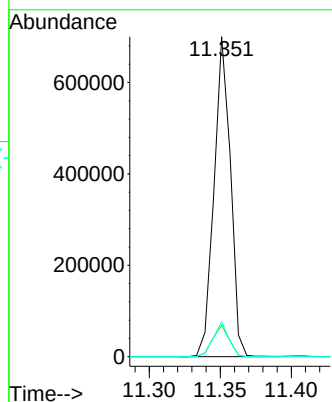
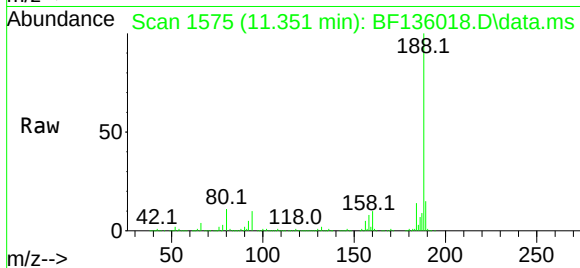
Tgt Ion:188 Resp: 563647

Ion Ratio Lower Upper

188 100

94 9.9 8.6 13.0

80 10.9 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136018.D

Acq: 28 Oct 2023 21:49

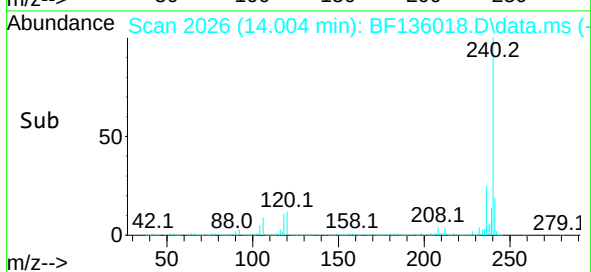
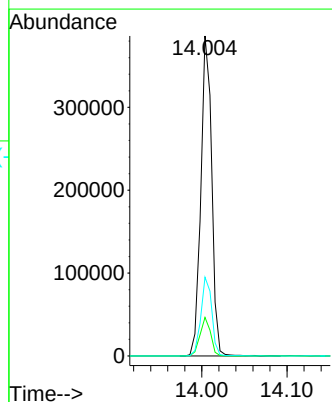
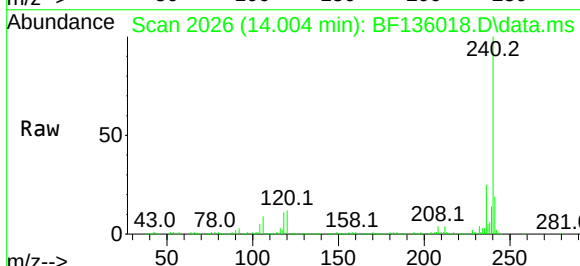
Tgt Ion:240 Resp: 342500

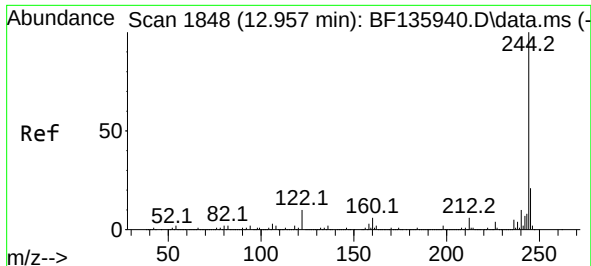
Ion Ratio Lower Upper

240 100

120 12.0 8.6 13.0

236 24.6 20.6 30.8

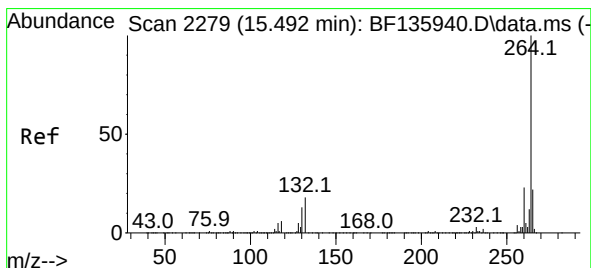
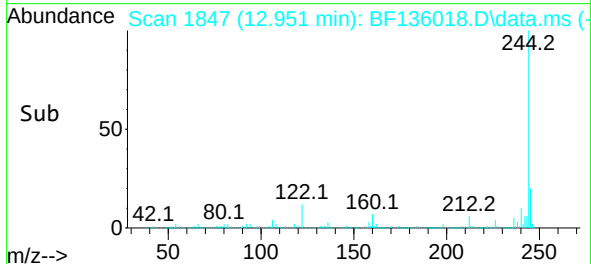
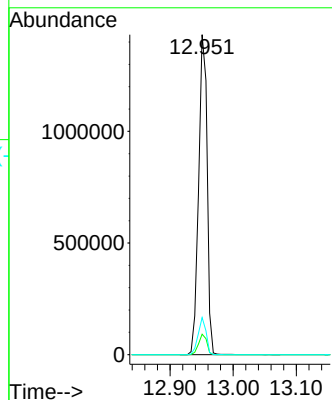
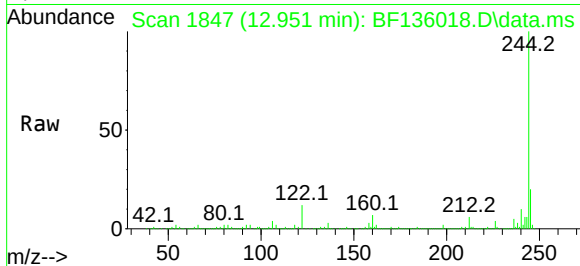




#79
 Terphenyl-d14
 Concen: 65.044 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136018.D
 Acq: 28 Oct 2023 21:49

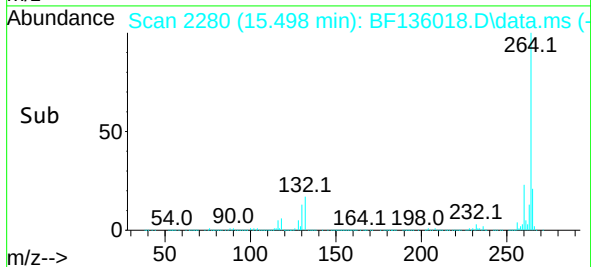
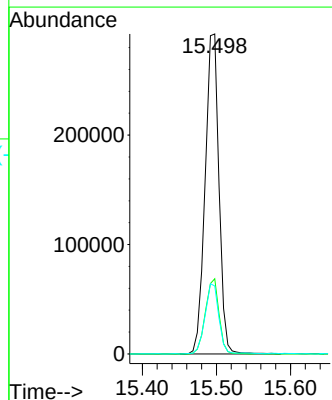
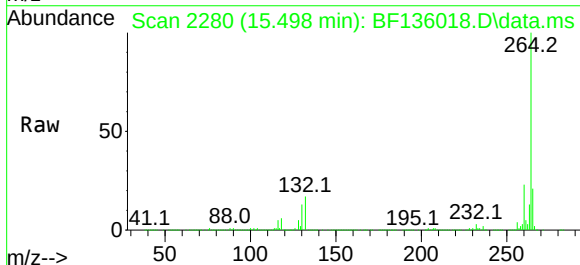
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-2A

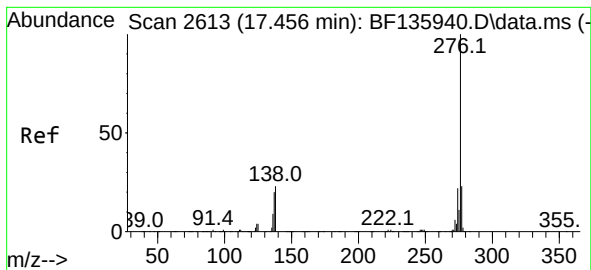
Tgt Ion:244 Resp: 1333372
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 11.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF136018.D
 Acq: 28 Oct 2023 21:49

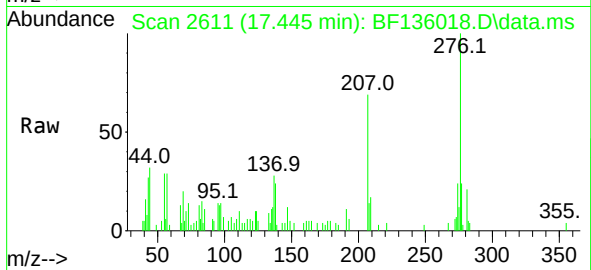
Tgt Ion:264 Resp: 380390
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.3 17.3 25.9





#92
 Benzo(g,h,i)perylene
 Concen: 4.195 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.011 min
 Lab File: BF136018.D
 Acq: 28 Oct 2023 21:49

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-2A



Tgt Ion:	276	Resp:	9953
Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	24.2	18.4	27.6

