

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136017.D
 Acq On : 28 Oct 2023 21:17
 Operator : CG\JU
 Sample : 05092-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25651

Quant Time: Oct 30 00:31:29 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	151741	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	606590	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	299321	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	525732	20.000	ng	0.00
76) Chrysene-d12	14.009	240	320979	20.000	ng	0.00
86) Perylene-d12	15.492	264	362507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	821965	83.646	ng	0.00
7) Phenol-d6	6.451	99	1005812	82.215	ng	0.00
23) Nitrobenzene-d5	7.386	82	595623	65.896	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	259133	98.908	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	744437	39.824	ng	0.00
79) Terphenyl-d14	12.951	244	689927	35.912	ng	0.00

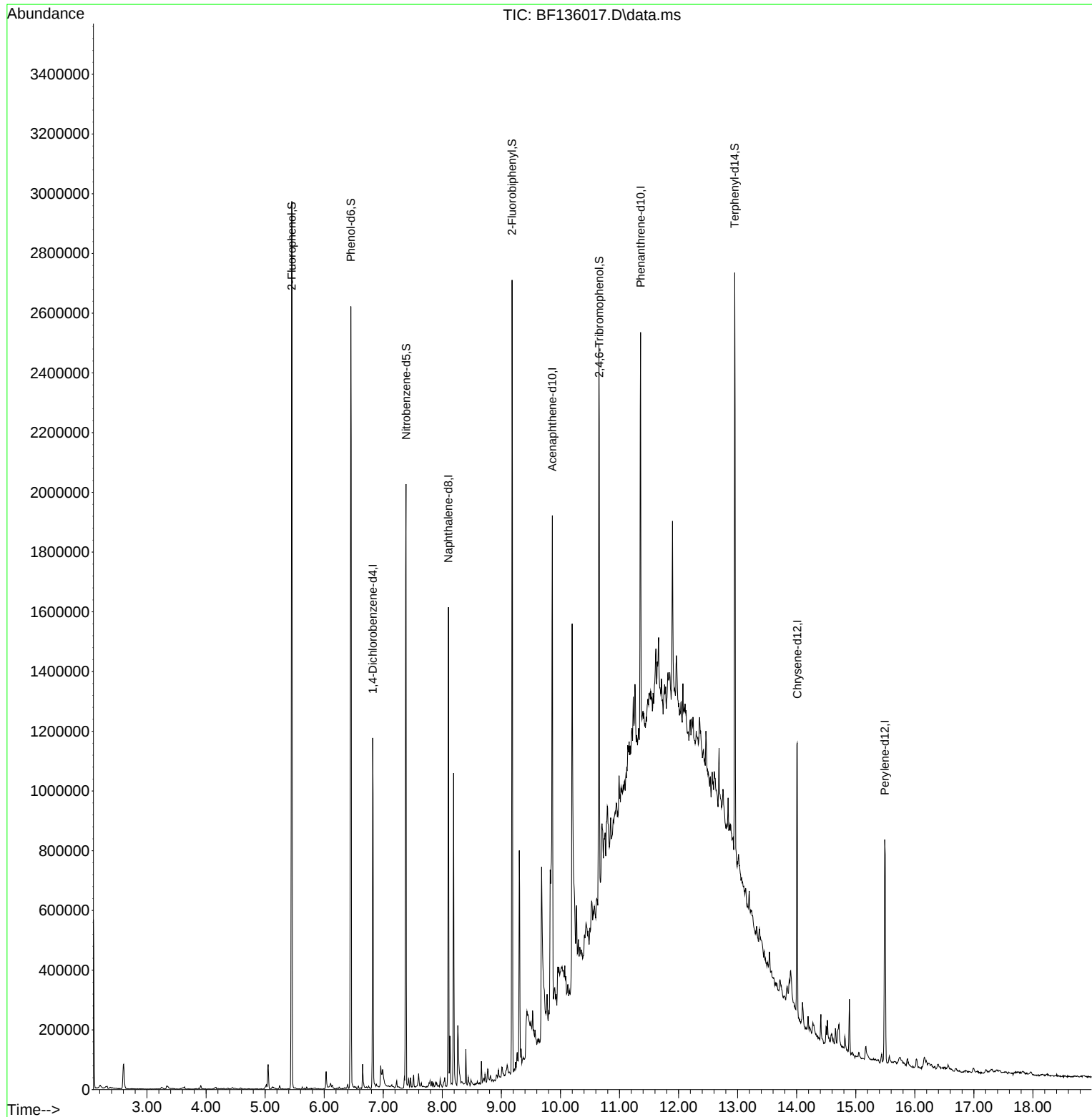
Target Compounds	Qvalue

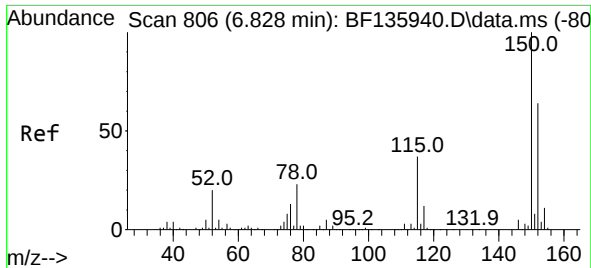
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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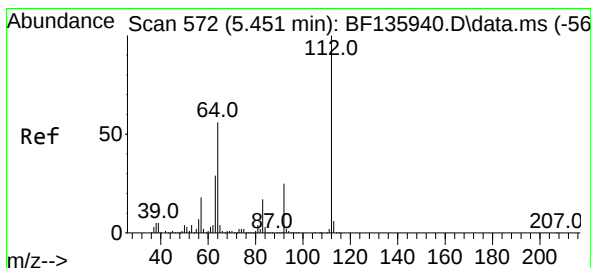
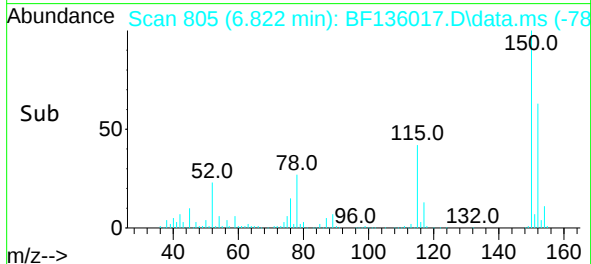
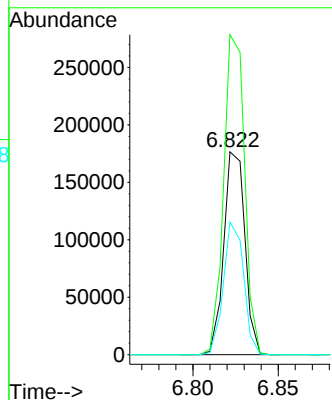
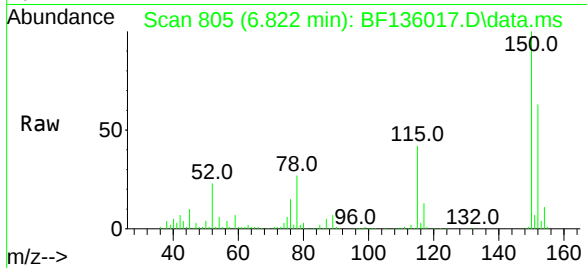




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

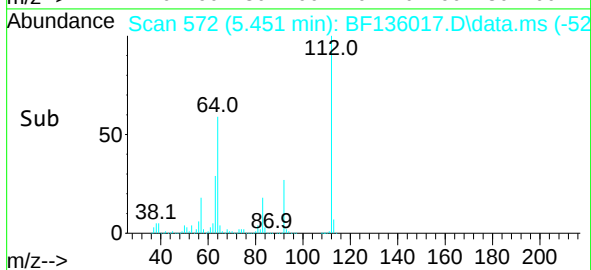
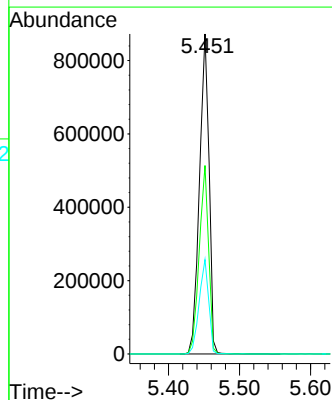
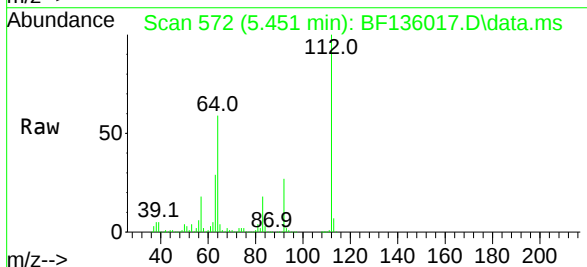
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

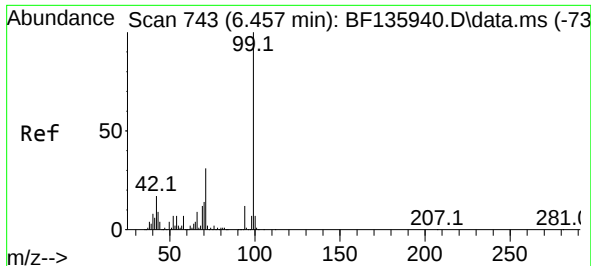
Tgt Ion:152 Resp: 151741
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 65.5 46.6 69.8



#5
2-Fluorophenol
Concen: 83.646 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion:112 Resp: 821965
Ion Ratio Lower Upper
112 100
64 58.9 45.1 67.7
63 29.5 23.0 34.4

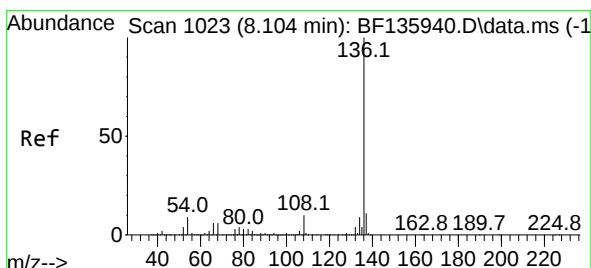
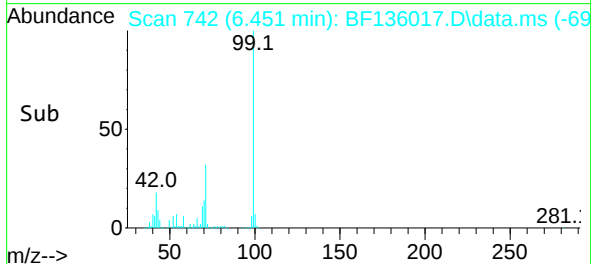
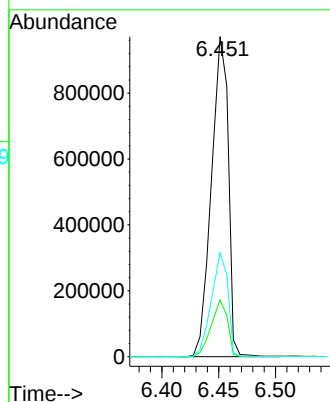
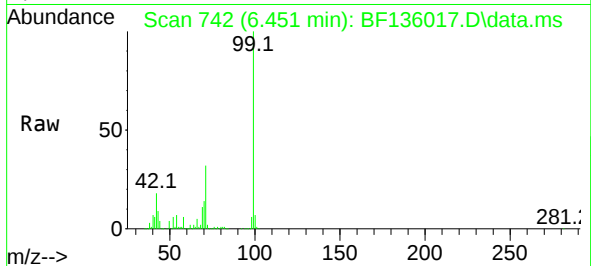




#7
Phenol-d6
Concen: 82.215 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

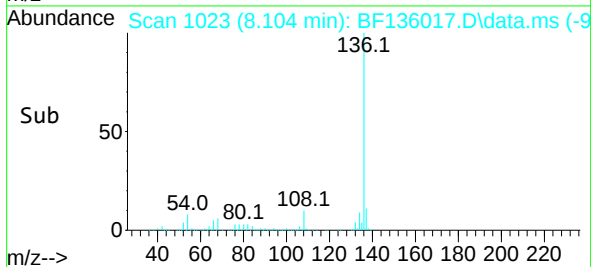
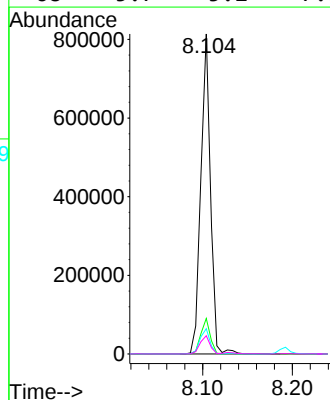
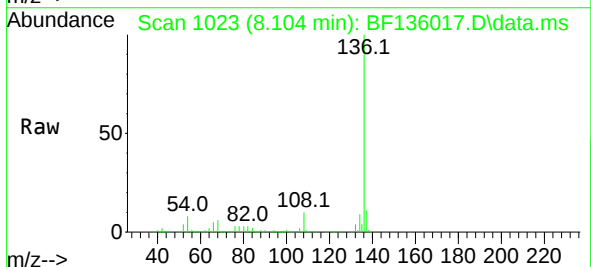
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

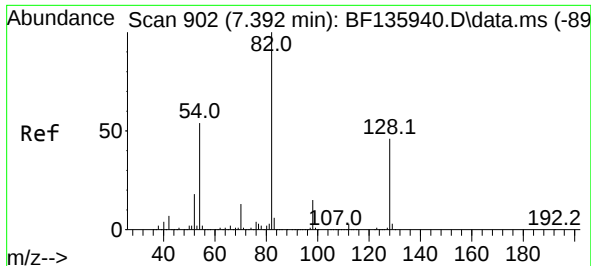
Tgt Ion: 99 Resp: 1005812
Ion Ratio Lower Upper
99 100
42 17.7 13.8 20.8
71 32.5 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion: 136 Resp: 606590
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.9 7.1 10.7
68 5.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 65.896 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

Instrument :

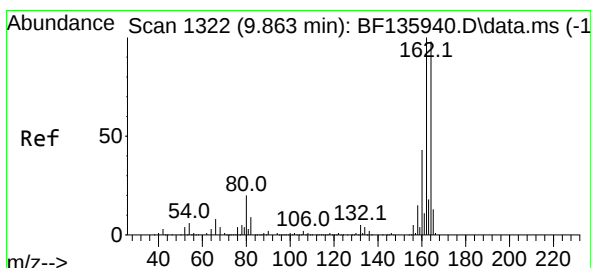
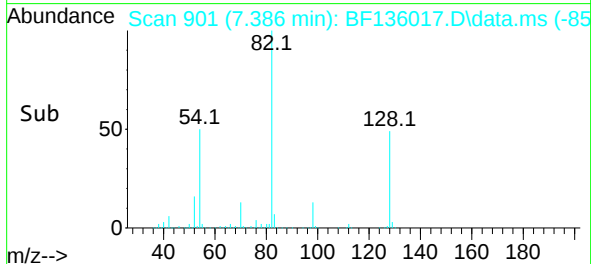
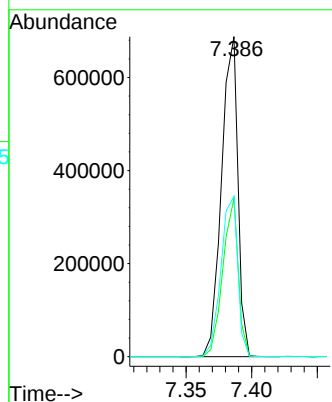
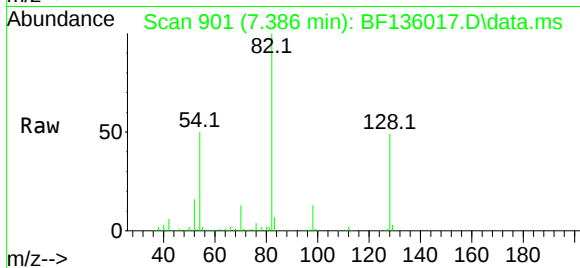
BNA_F

ClientSampleId :

CHRT-25651

Tgt Ion: 82 Resp: 595623

Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.8	55.2
54	50.1	43.4	65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

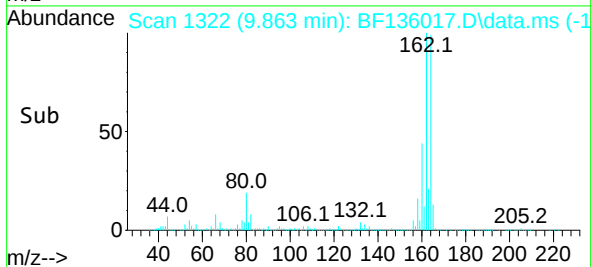
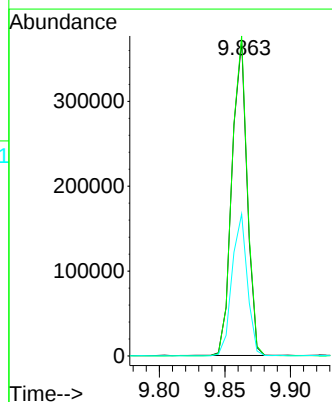
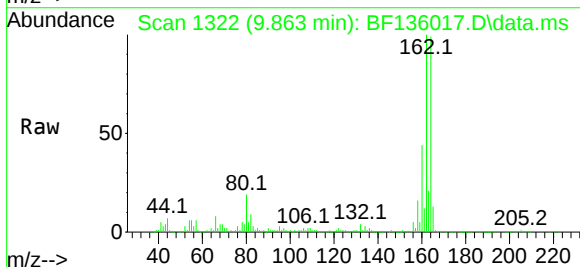
Delta R.T. -0.000 min

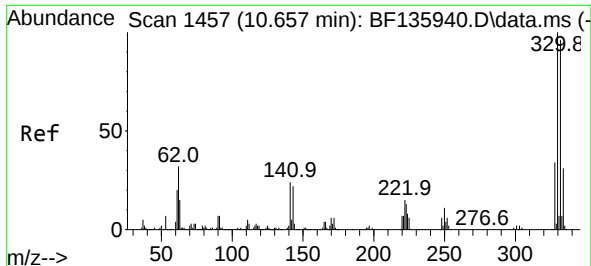
Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

Tgt Ion: 164 Resp: 299321

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.0	123.0
160	45.0	35.6	53.4

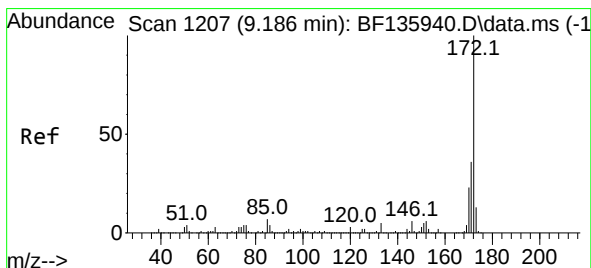
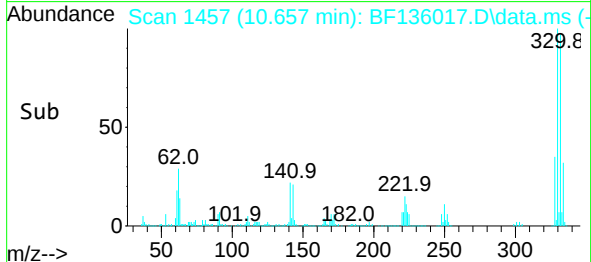
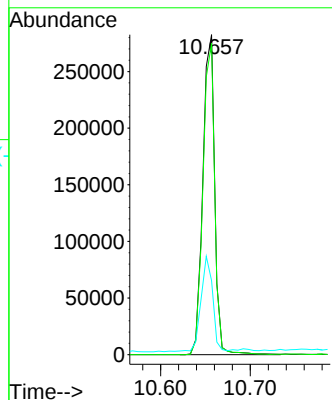
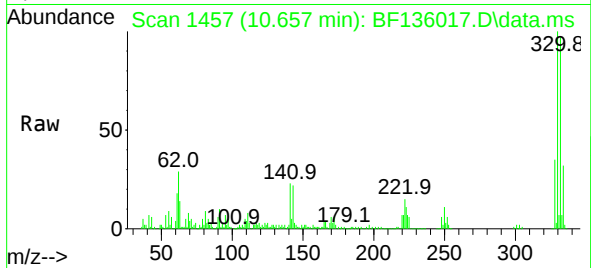




#42
2,4,6-Tribromophenol
Concen: 98.908 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

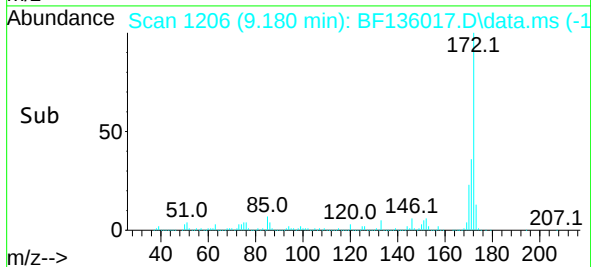
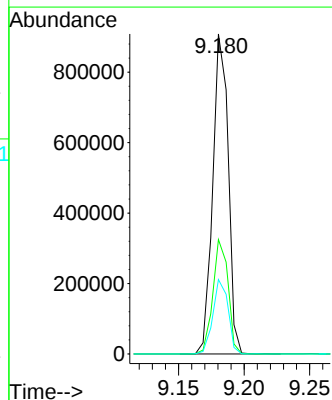
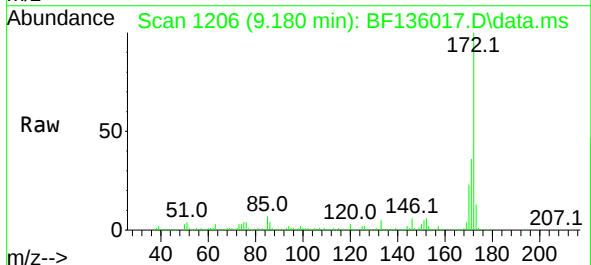
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

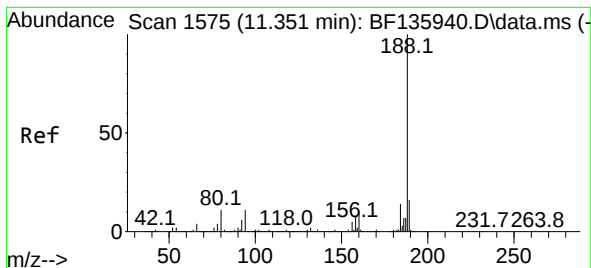
Tgt Ion:330 Resp: 259133
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 29.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 39.824 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion:172 Resp: 744437
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT-25651

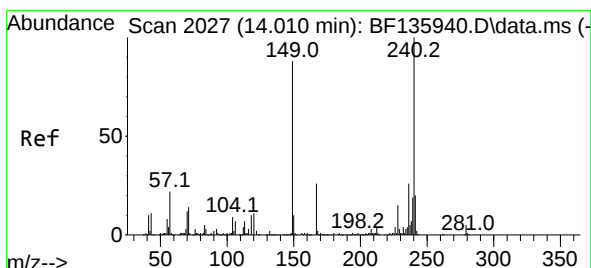
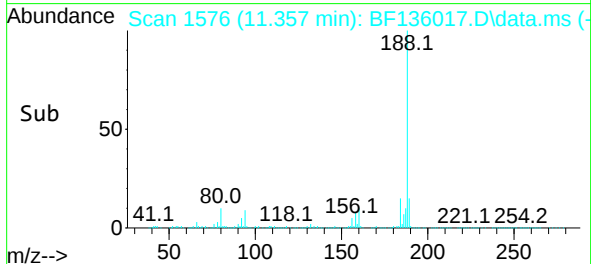
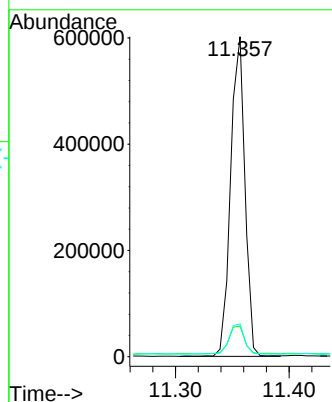
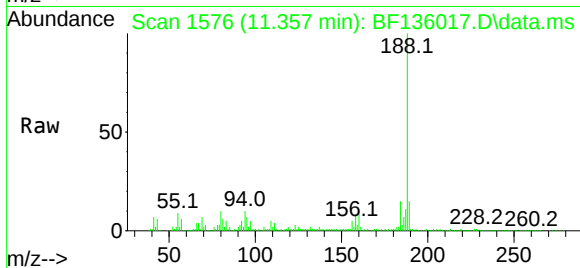
Tgt Ion:188 Resp: 525732

Ion Ratio Lower Upper

188 100

94 9.6 8.6 13.0

80 10.3 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.009 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

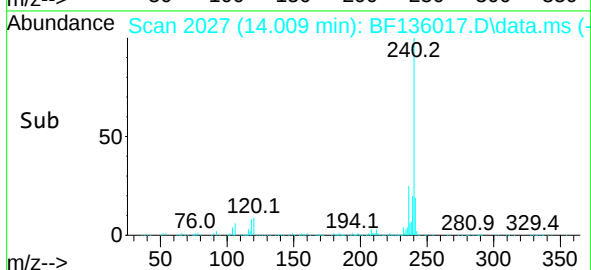
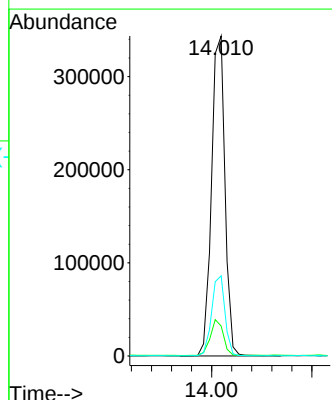
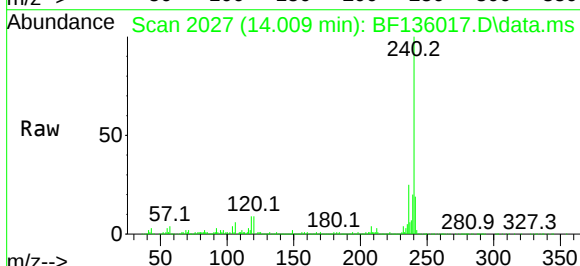
Tgt Ion:240 Resp: 320979

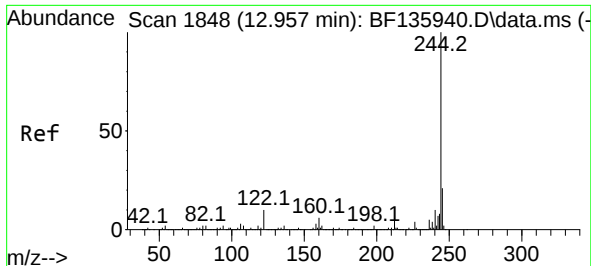
Ion Ratio Lower Upper

240 100

120 9.3 8.6 13.0

236 25.1 20.6 30.8

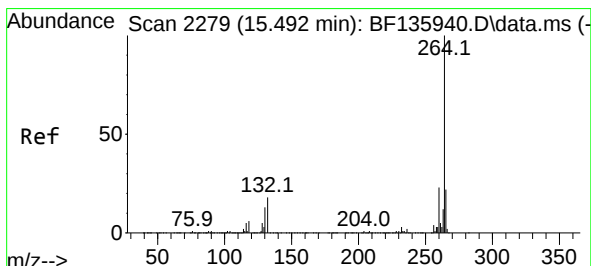
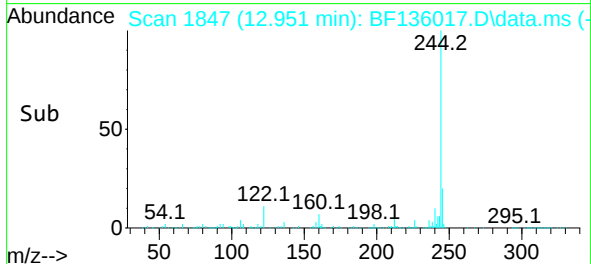
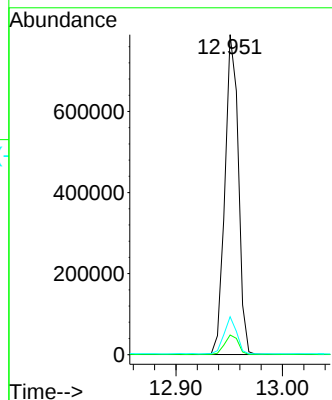
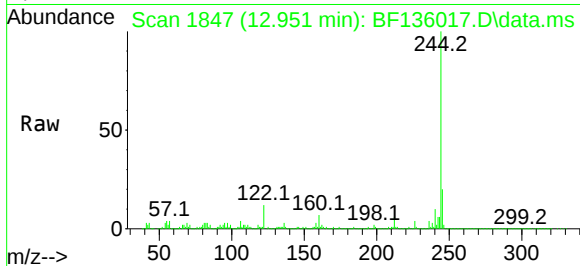




#79
 Terphenyl-d14
 Concen: 35.912 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136017.D
 Acq: 28 Oct 2023 21:17

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25651

Tgt Ion:244 Resp: 689927
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.6
 122 11.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF136017.D
 Acq: 28 Oct 2023 21:17

Tgt Ion:264 Resp: 362507
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.4 17.3 25.9

