

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136720.D
 Acq On : 26 Dec 2023 15:35
 Operator : CG\JU
 Sample : 05993-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E8965C-S-002

Quant Time: Dec 26 16:04:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

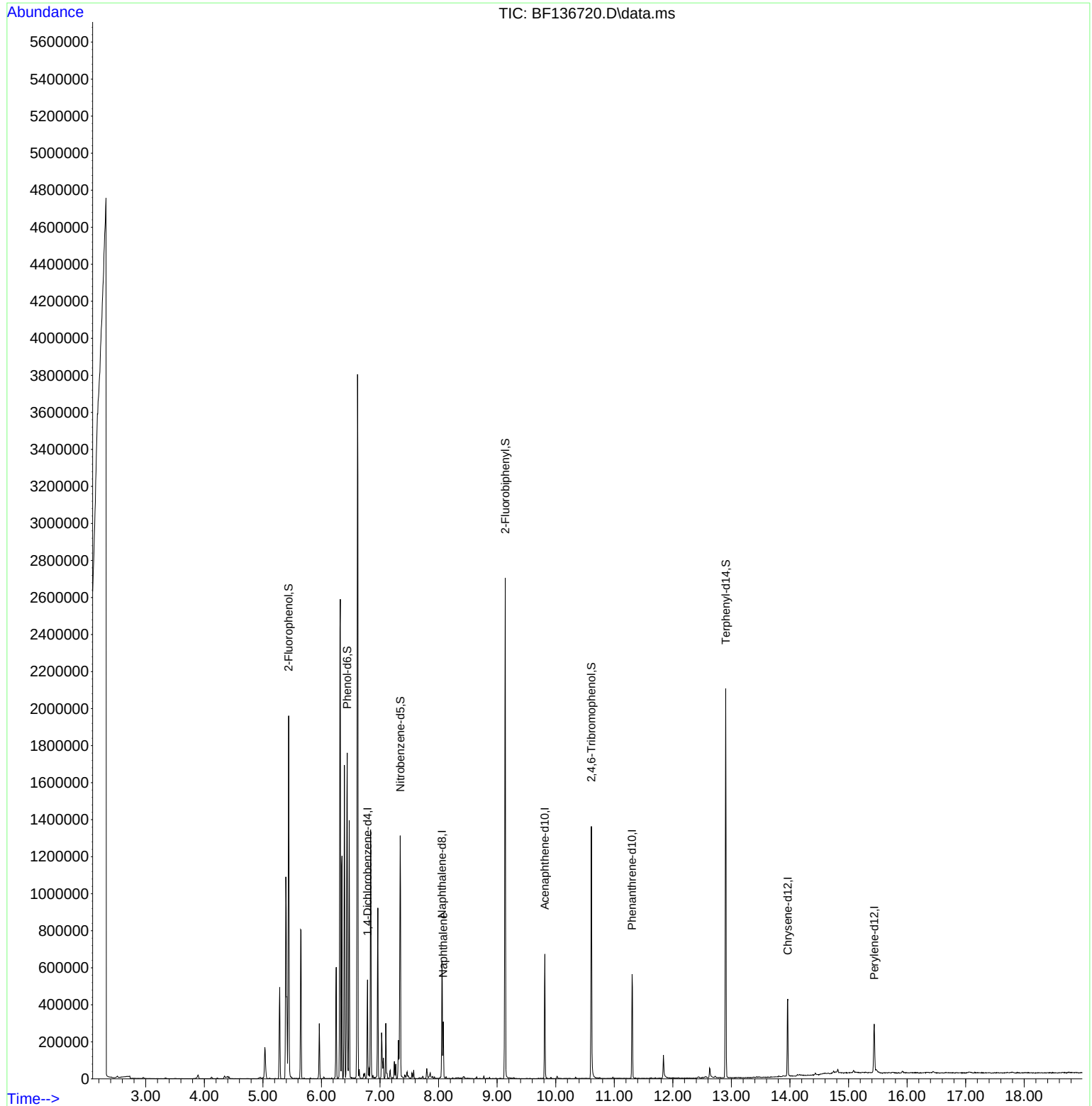
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	72268	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	272595	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	125263	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	212626	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	147227	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	129335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	523975	113.128	ng	0.01
7) Phenol-d6	6.440	99	593789	98.939	ng	0.00
23) Nitrobenzene-d5	7.345	82	435493	81.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	171335	116.140	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	821319	88.187	ng	-0.01
79) Terphenyl-d14	12.904	244	737582	70.011	ng	-0.01
Target Compounds						
31) Naphthalene	8.081	128	118236	7.895	ng	Qvalue 99

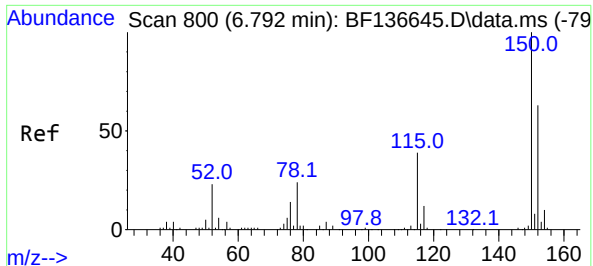
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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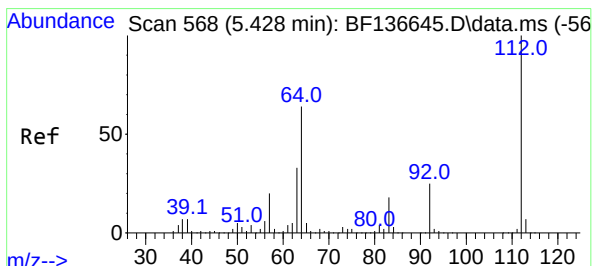
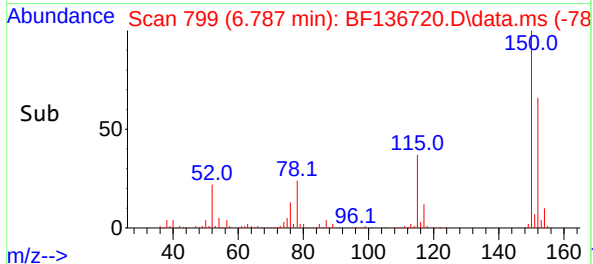
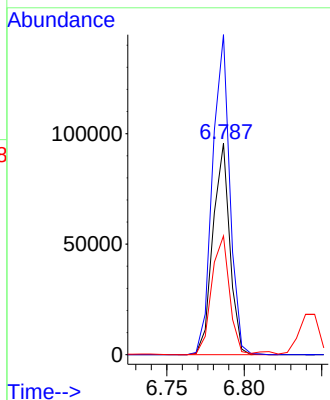
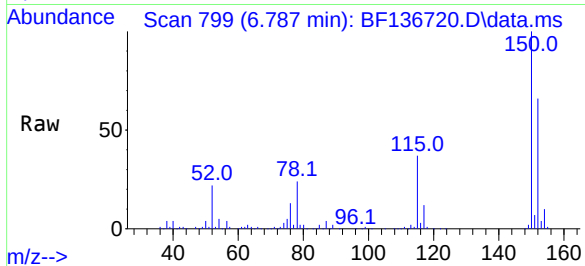




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

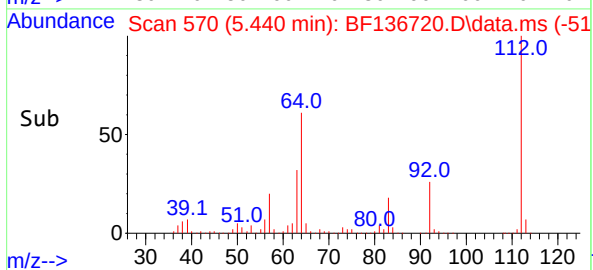
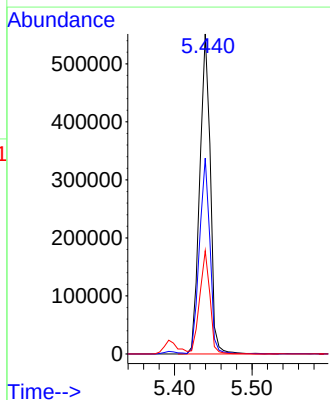
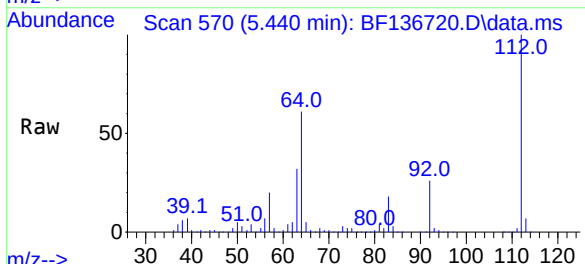
Instrument :
BNA_F
ClientSampleId :
E8965C-S-002

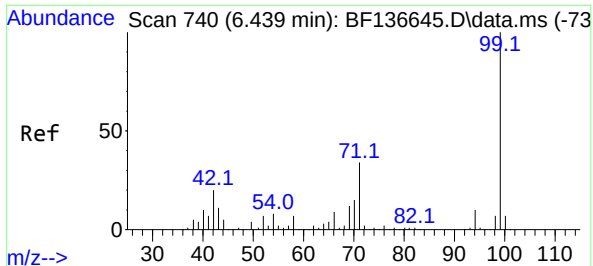
Tgt Ion:152 Resp: 72268
Ion Ratio Lower Upper
152 100
150 151.4 127.0 190.6
115 56.2 49.0 73.4



#5
2-Fluorophenol
Concen: 113.128 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

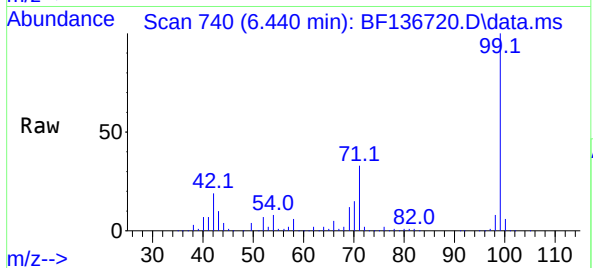
Tgt Ion:112 Resp: 523975
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 32.3 26.1 39.1



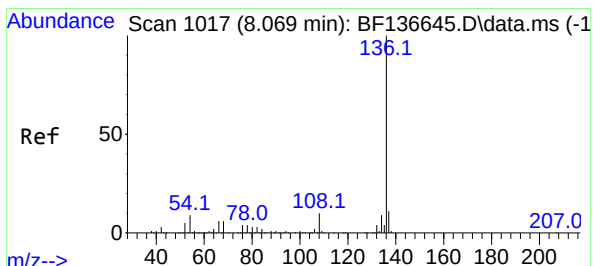
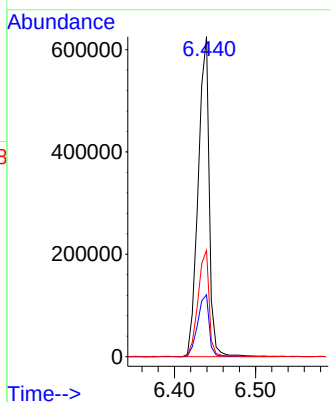
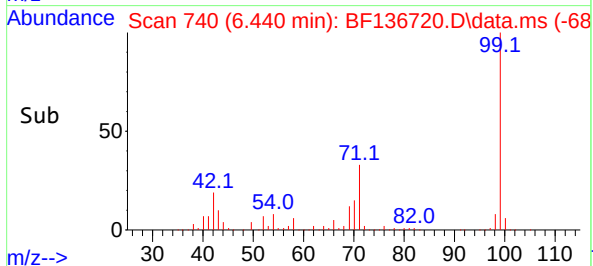


#7
Phenol-d6
Concen: 98.939 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

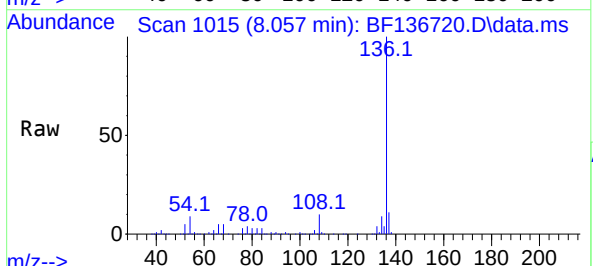
Instrument :
BNA_F
ClientSampleId :
E8965C-S-002



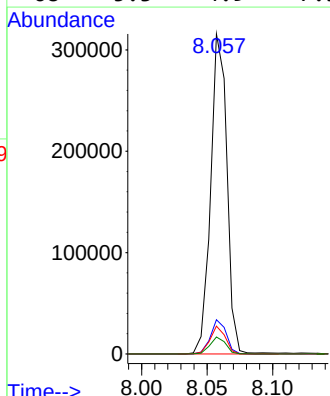
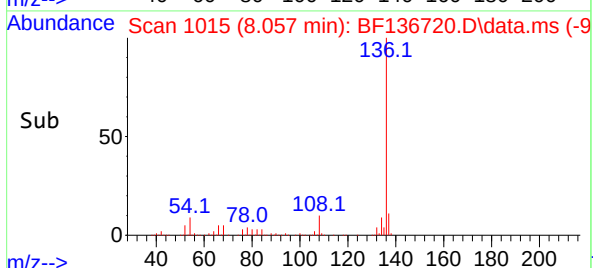
Tgt Ion: 99 Resp: 593789
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.3 27.4 41.2

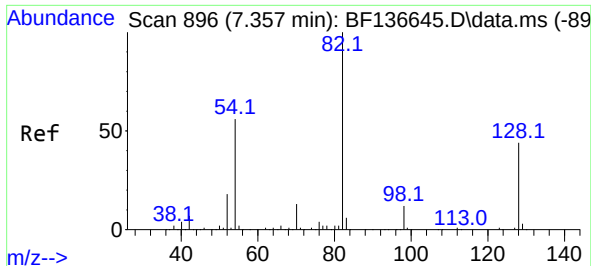


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35



Tgt Ion: 136 Resp: 272595
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.7 7.2 10.8
68 5.3 4.9 7.3

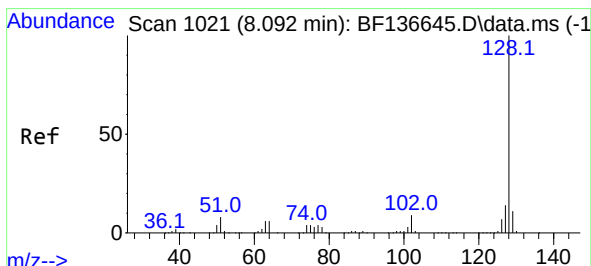
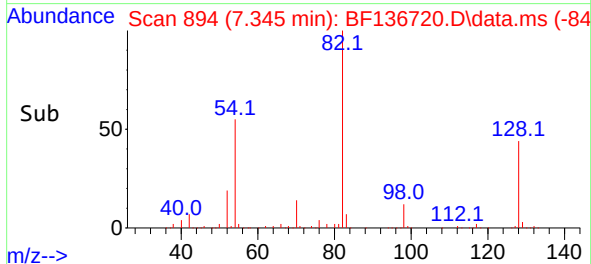
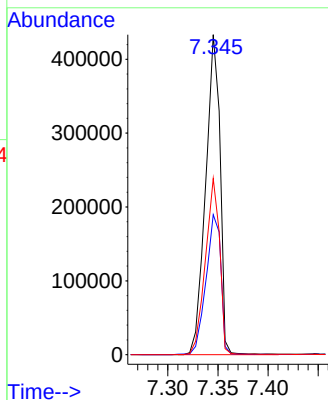
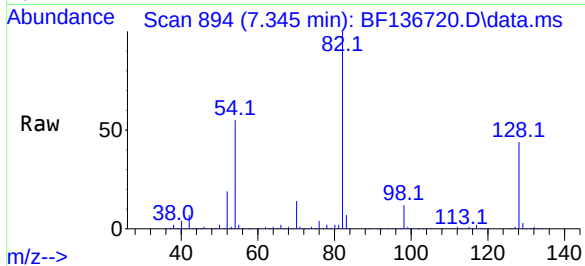




#23
Nitrobenzene-d5
Concen: 81.750 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

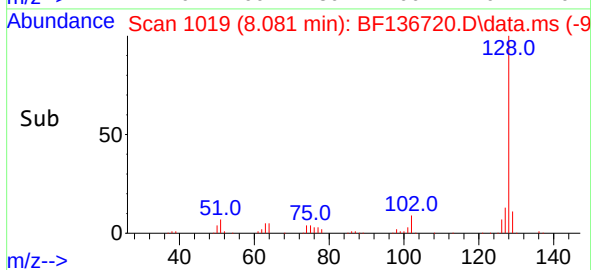
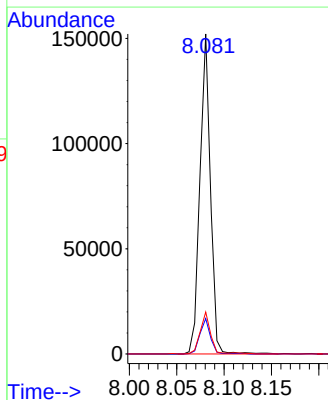
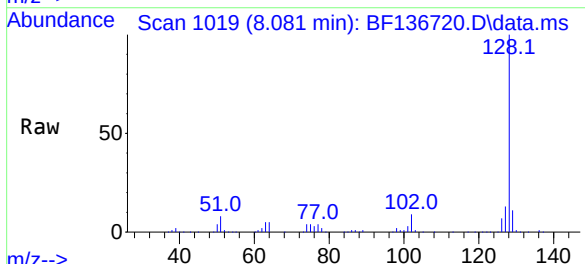
Instrument :
BNA_F
ClientSampleId :
E8965C-S-002

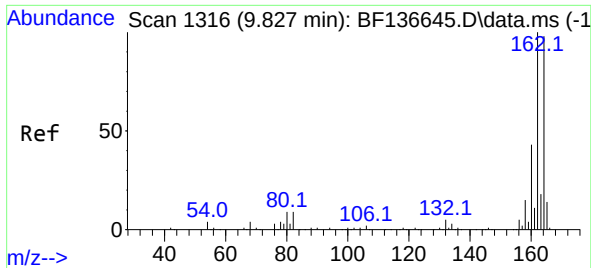
Tgt Ion: 82 Resp: 435493
Ion Ratio Lower Upper
82 100
128 43.8 35.3 52.9
54 55.1 44.5 66.7



#31
Naphthalene
Concen: 7.895 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

Tgt Ion: 128 Resp: 118236
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.8 16.2

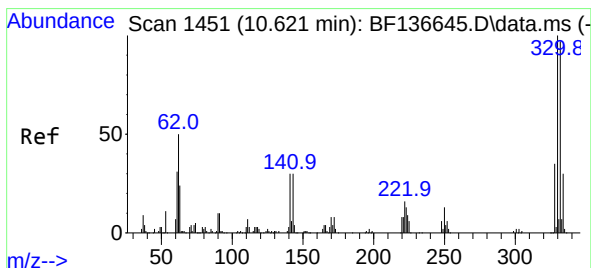
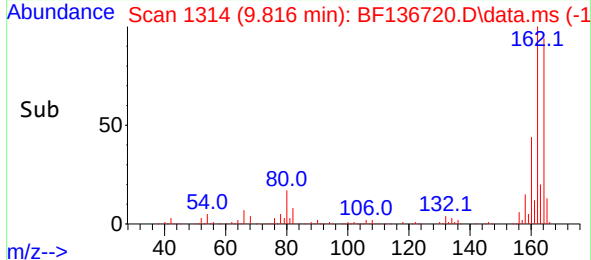
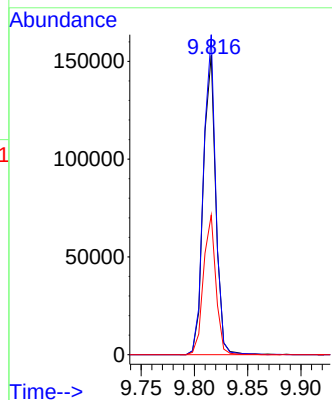
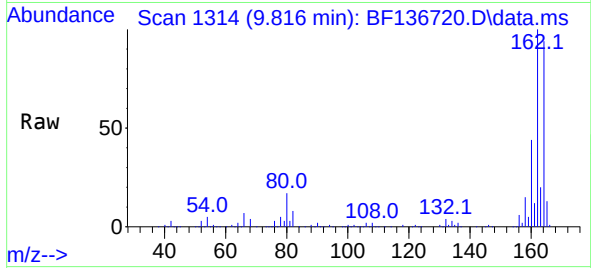




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

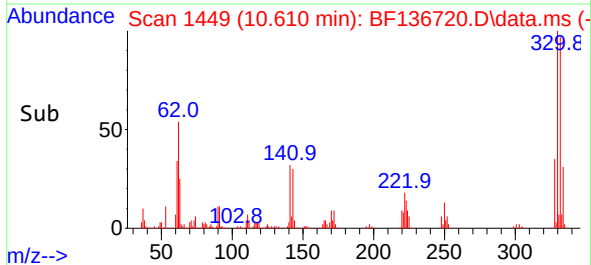
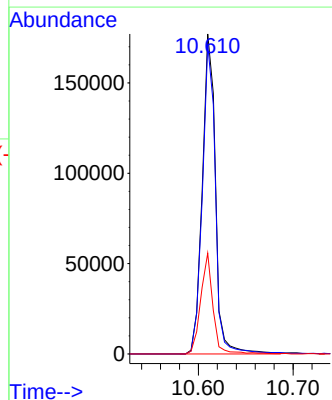
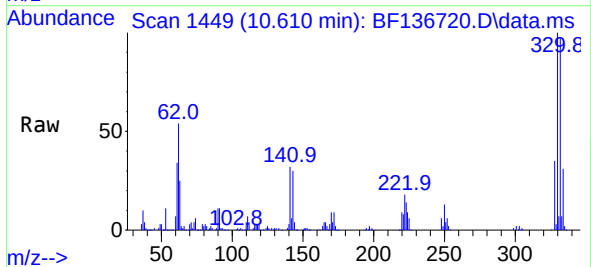
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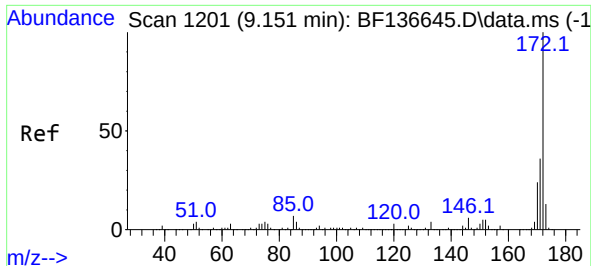
Tgt Ion:164 Resp: 125263
Ion Ratio Lower Upper
164 100
162 106.9 81.6 122.4
160 46.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 116.140 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

Tgt Ion:330 Resp: 171335
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 88.187 ng

RT: 9.139 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136720.D

Acq: 26 Dec 2023 15:35

Instrument :

BNA_F

ClientSampleId :

E8965C-S-002

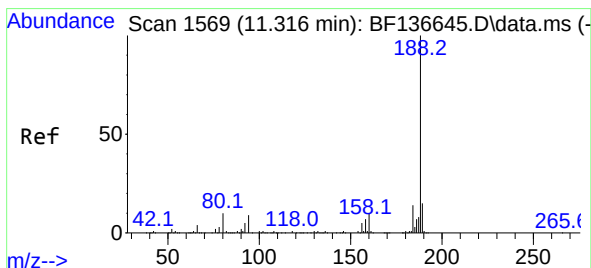
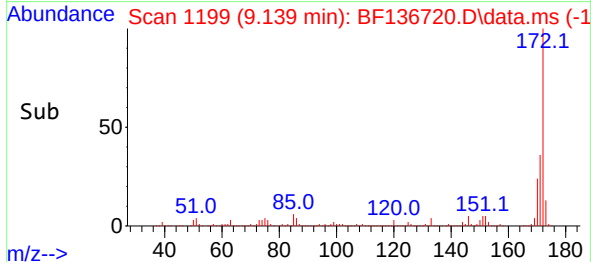
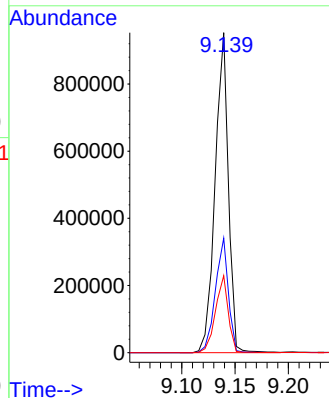
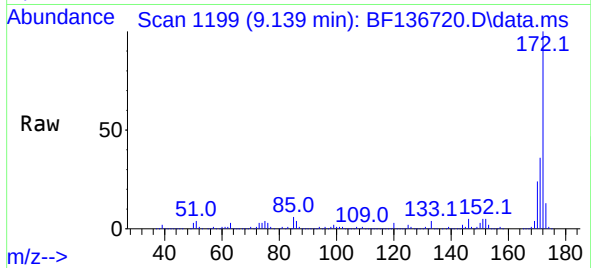
Tgt Ion:172 Resp: 821319

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 24.0 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.012 min

Lab File: BF136720.D

Acq: 26 Dec 2023 15:35

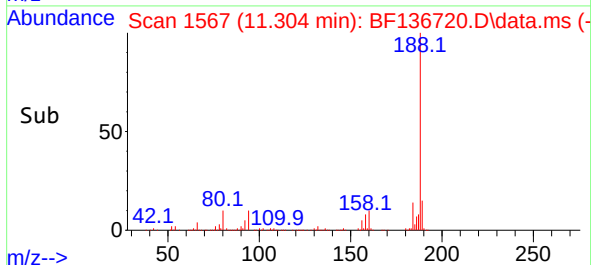
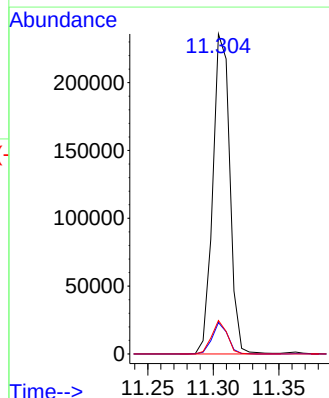
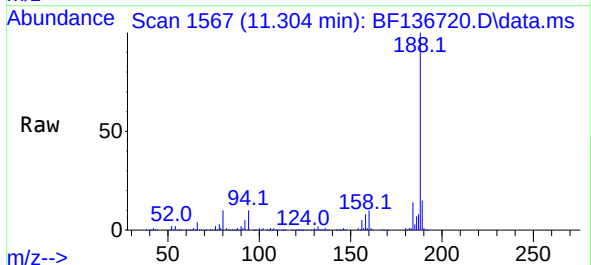
Tgt Ion:188 Resp: 212626

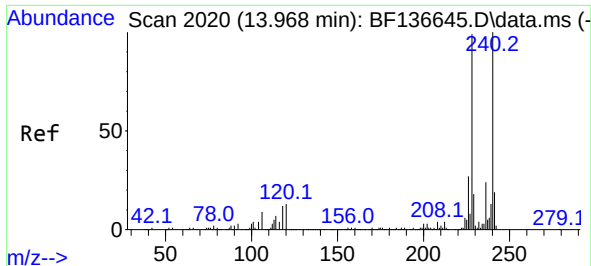
Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.4 8.1 12.1

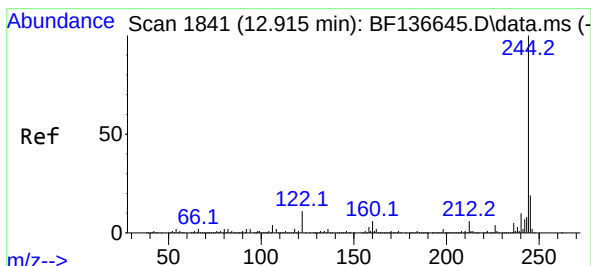
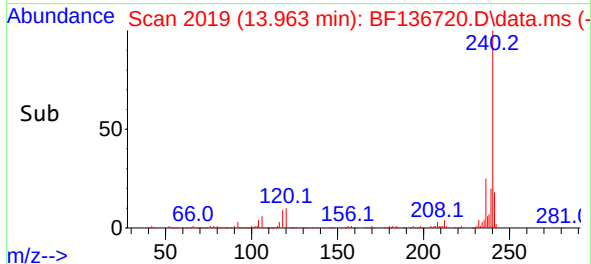
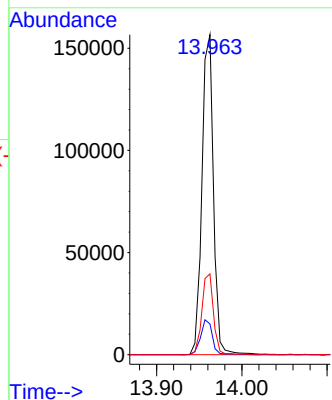
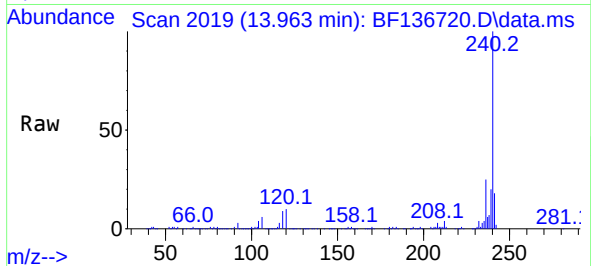




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

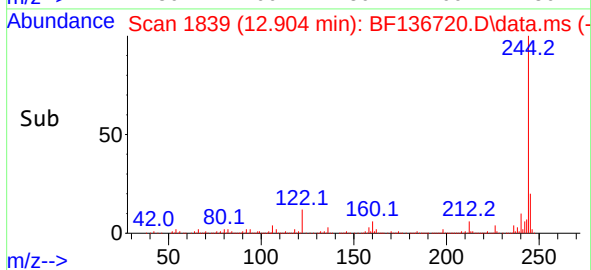
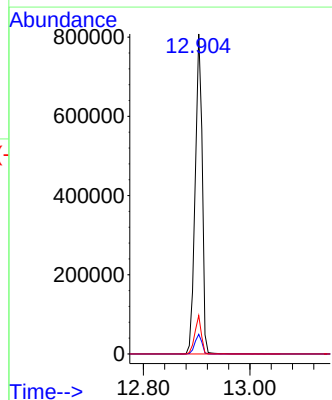
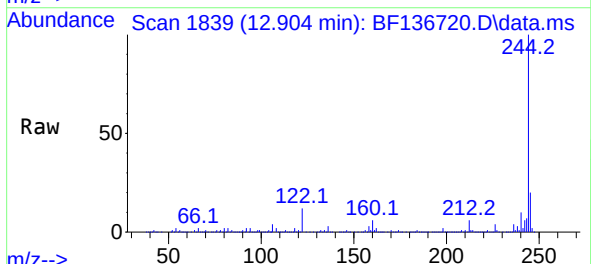
Instrument :
BNA_F
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E8965C-S-002

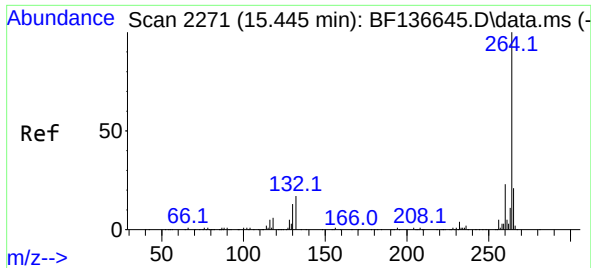
Tgt Ion:240 Resp: 147227
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 25.3 19.4 29.2



#79
Terphenyl-d14
Concen: 70.011 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

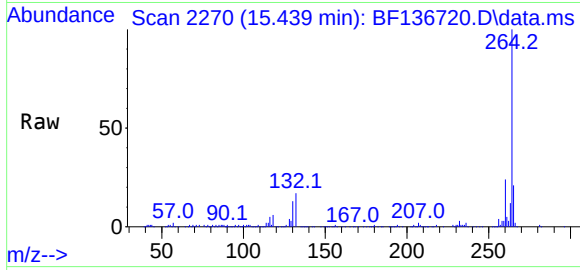
Tgt Ion:244 Resp: 737582
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 12.0 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136720.D
Acq: 26 Dec 2023 15:35

Instrument :
BNA_F
ClientSampleId :
E8965C-S-002



Tgt Ion:264 Resp: 129335

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.2	17.0	25.6

