

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136695.D
 Acq On : 22 Dec 2023 20:15
 Operator : CG\JU
 Sample : 05931-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24537

Quant Time: Dec 23 01:55:27 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)

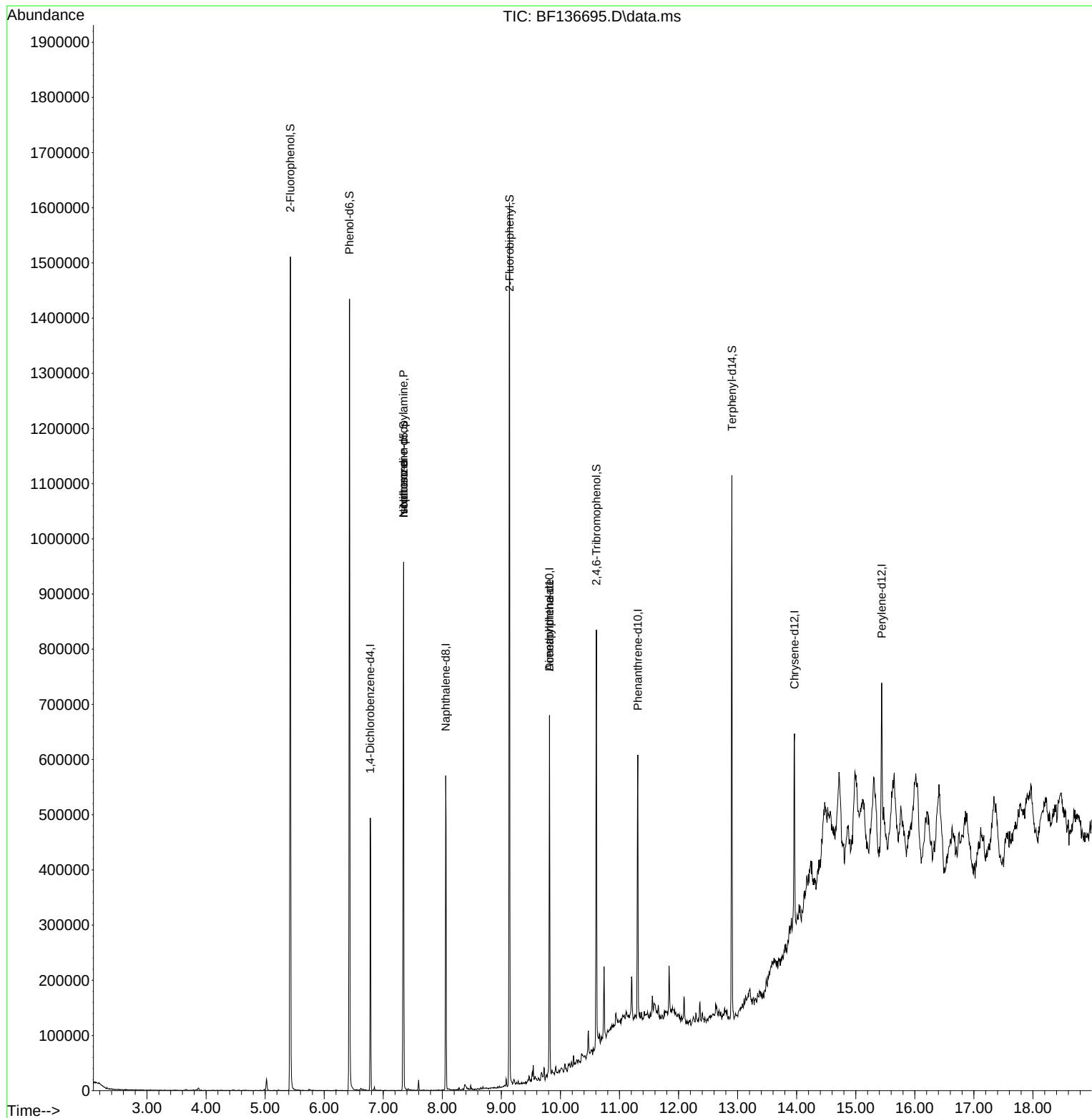
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68501	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	248600	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	114339	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	176761	20.000	ng	0.00
76) Chrysene-d12	13.963	240	120527	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	136337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	374741	85.357	ng	0.00
7) Phenol-d6	6.428	99	455631	80.093	ng	-0.01
23) Nitrobenzene-d5	7.345	82	284032	58.464	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	91379	67.859	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	483387	56.861	ng	-0.01
79) Terphenyl-d14	12.904	244	333178	38.631	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	37194	10.786	ng	# 78
25) Isophorone	7.345	82	284029	32.130	ng	# 65
50) Dimethylphthalate	9.816	163	23941	2.867	ng	# 1

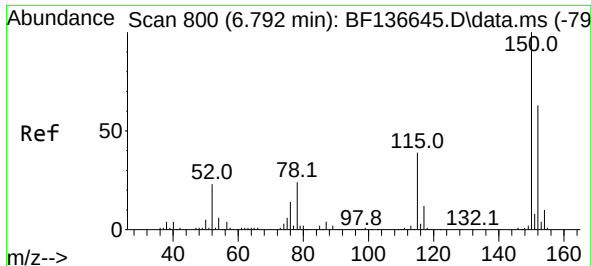
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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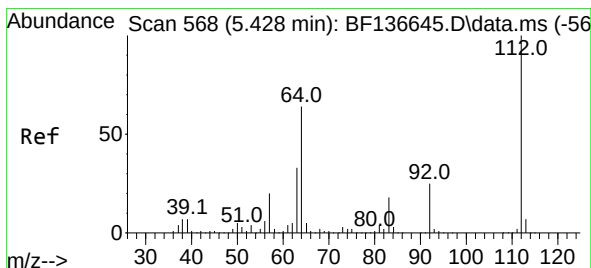
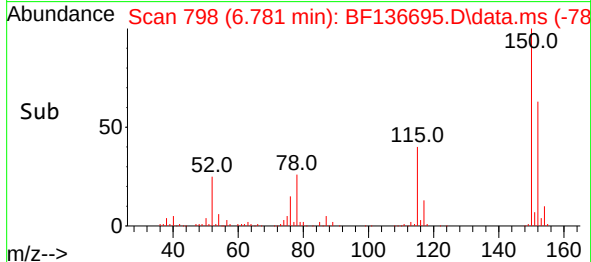
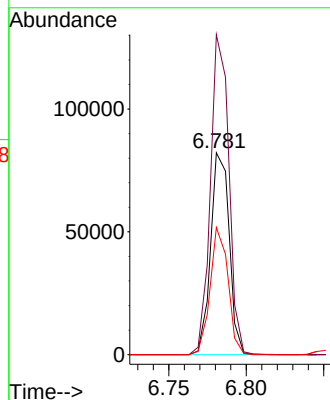
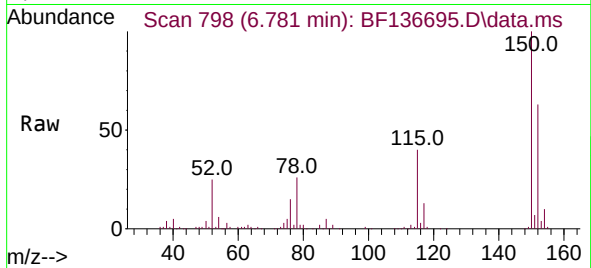




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136695.D
 Acq: 22 Dec 2023 20:15

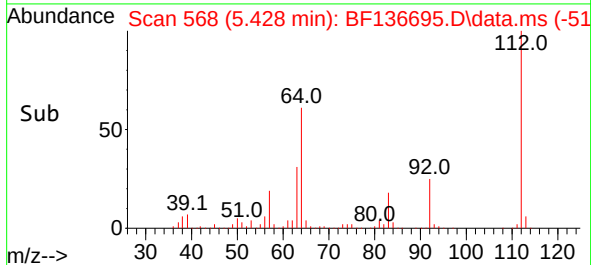
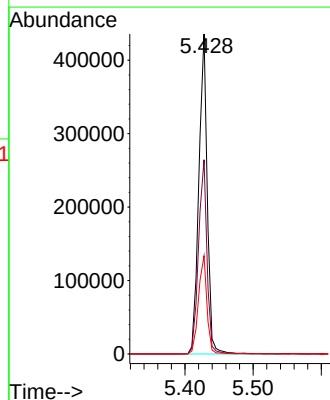
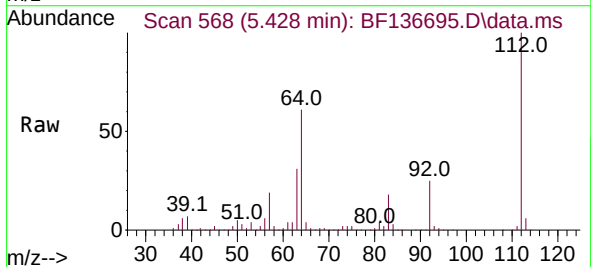
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24537

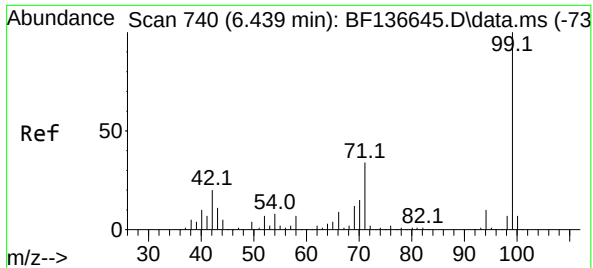
Tgt Ion:152 Resp: 68501
 Ion Ratio Lower Upper
 152 100
 150 158.5 127.0 190.6
 115 63.0 49.0 73.4



#5
 2-Fluorophenol
 Concen: 85.357 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136695.D
 Acq: 22 Dec 2023 20:15

Tgt Ion:112 Resp: 374741
 Ion Ratio Lower Upper
 112 100
 64 60.7 51.1 76.7
 63 30.7 26.1 39.1

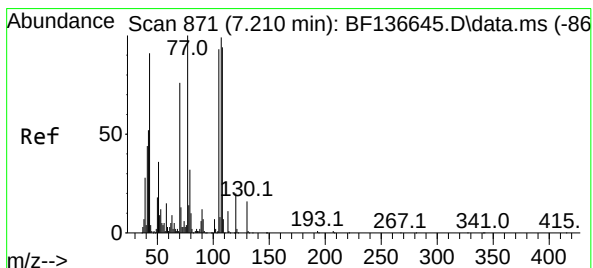
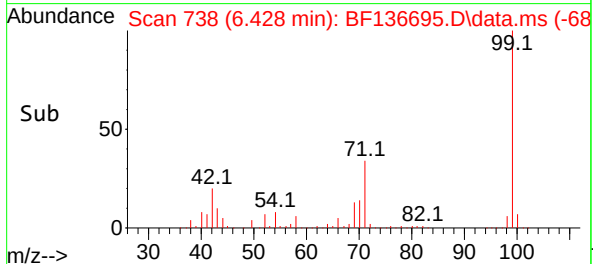
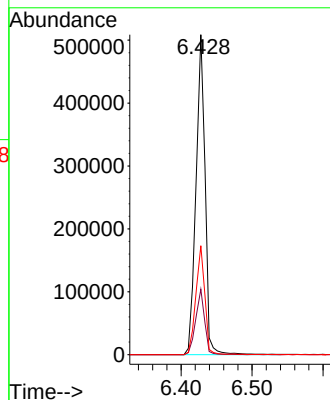
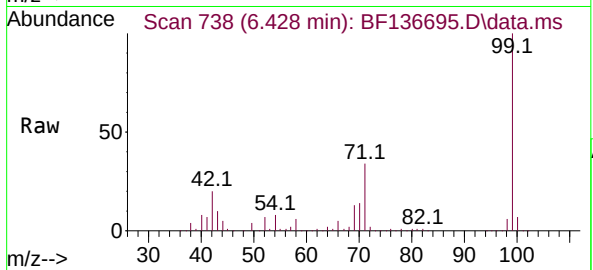




#7
Phenol-d6
Concen: 80.093 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

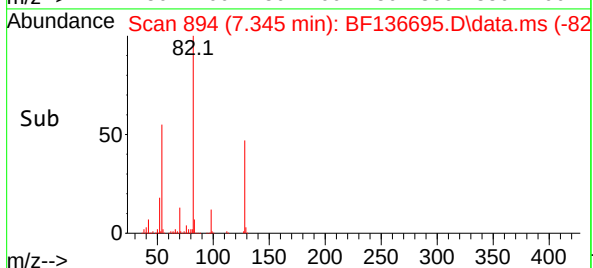
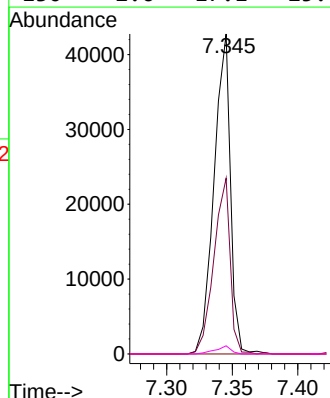
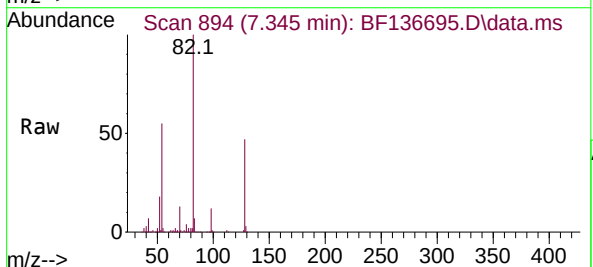
Instrument :
BNA_F
ClientSampleId :
CHRT-24537

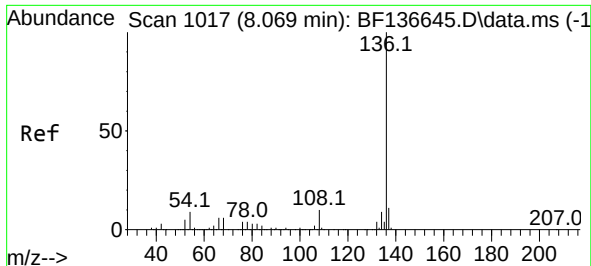
Tgt Ion: 99 Resp: 455631
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 34.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.786 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

Tgt Ion: 70 Resp: 37194
Ion Ratio Lower Upper
70 100
42 54.9 54.2 81.4
101 0.0 7.6 11.4#
130 2.6 17.1 25.7#



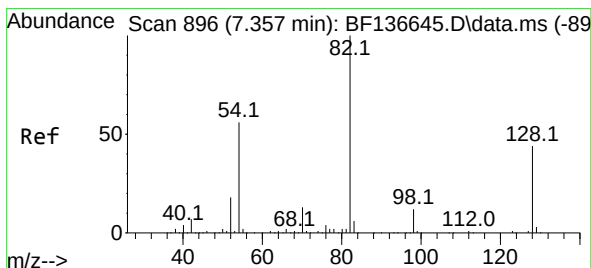
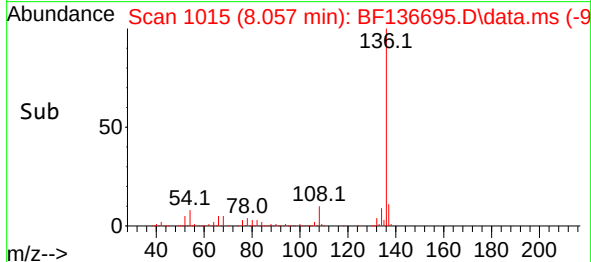
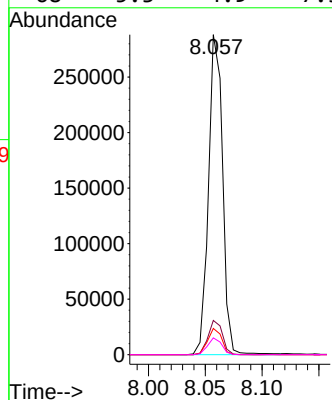
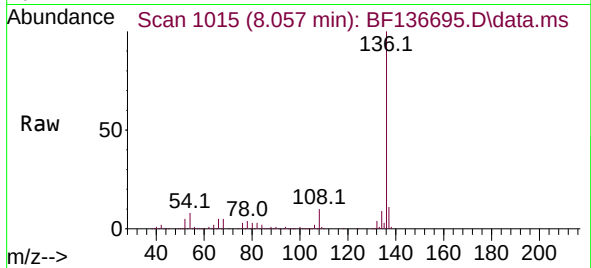


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

Instrument :
BNA_F
ClientSampleId :
CHRT-24537

Tgt Ion:136 Resp: 248600

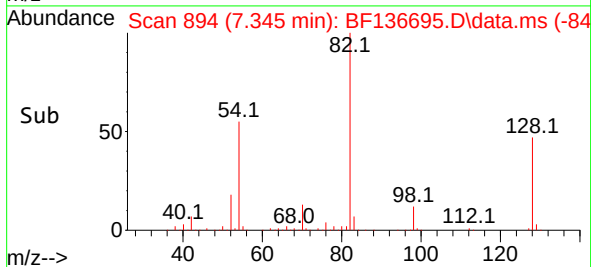
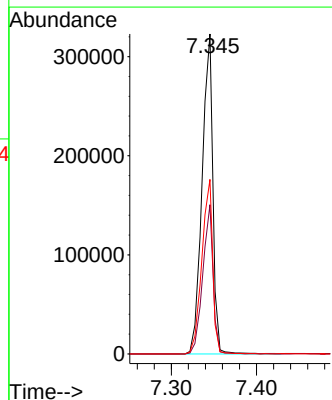
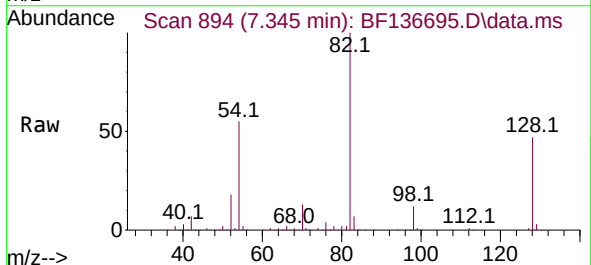
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.2	7.2	10.8
68	5.3	4.9	7.3

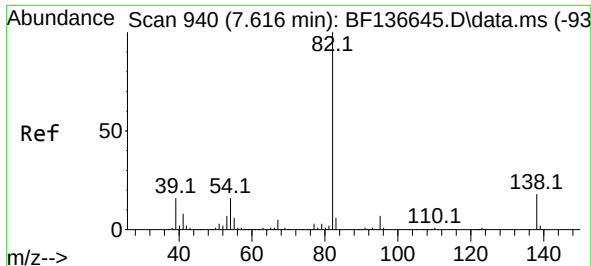


#23
Nitrobenzene-d5
Concen: 58.464 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

Tgt Ion: 82 Resp: 284032

Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.3	52.9
54	54.5	44.5	66.7

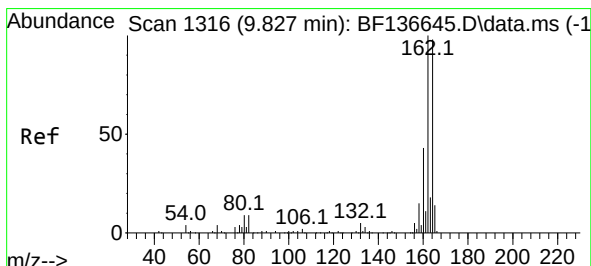
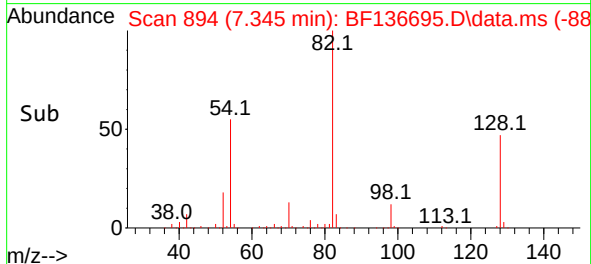
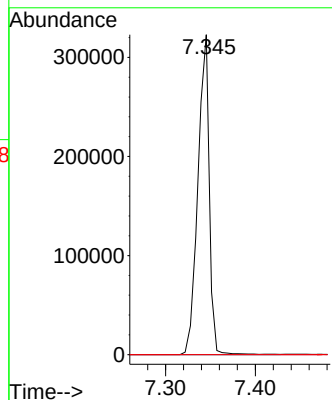
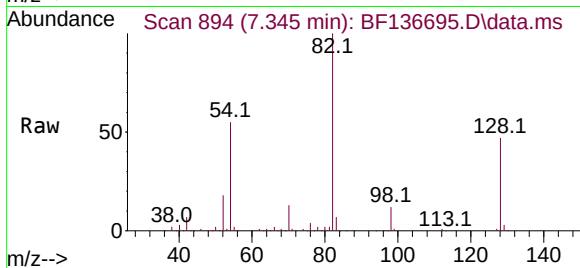




#25
Isophorone
Concen: 32.130 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

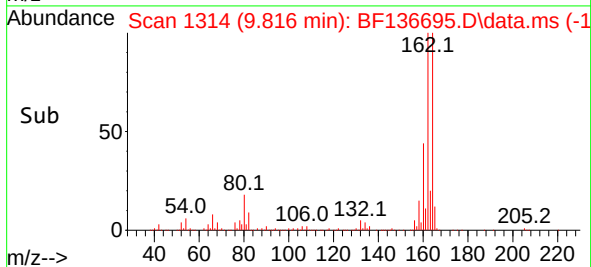
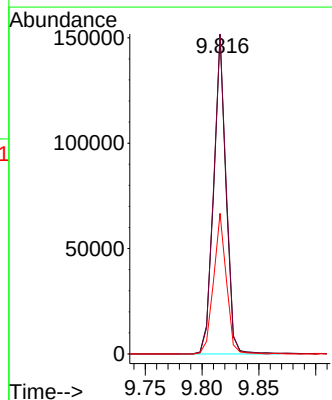
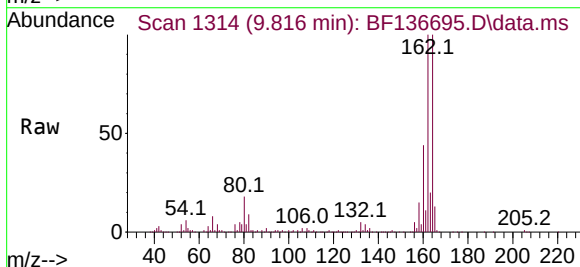
Instrument :
BNA_F
ClientSampleId :
CHRT-24537

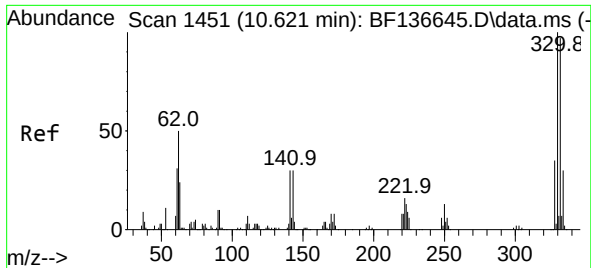
Tgt Ion: 82 Resp: 284029
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

Tgt Ion:164 Resp: 114339
Ion Ratio Lower Upper
164 100
162 100.0 81.6 122.4
160 44.0 34.9 52.3

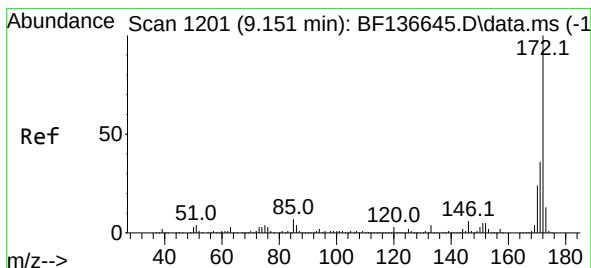
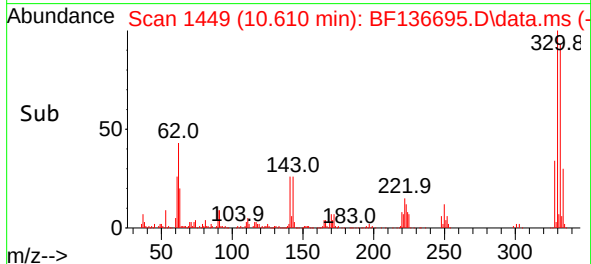
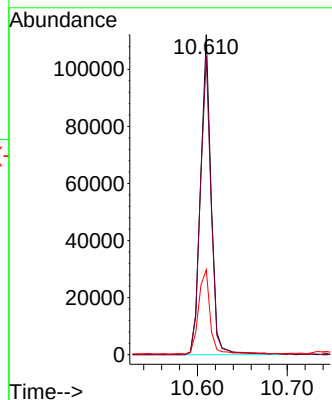
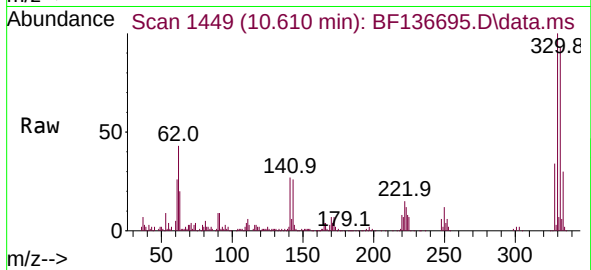




#42
2,4,6-Tribromophenol
Concen: 67.859 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

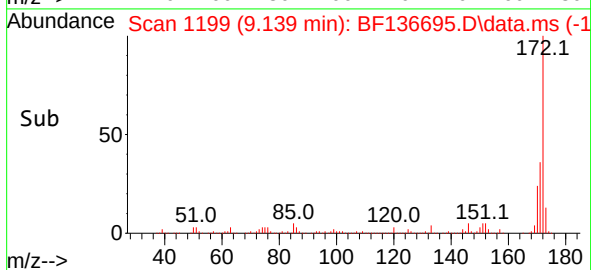
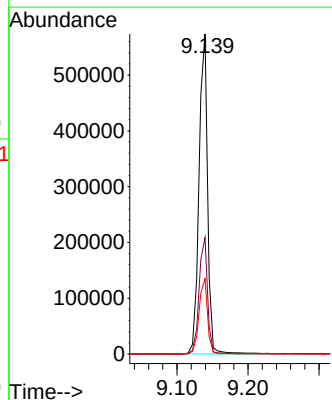
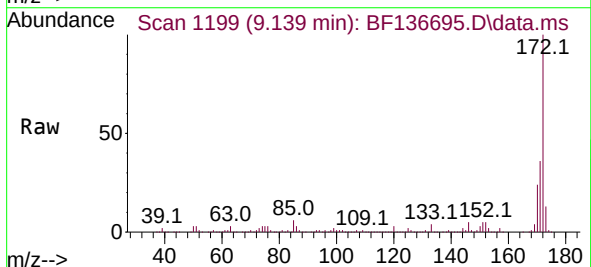
Instrument :
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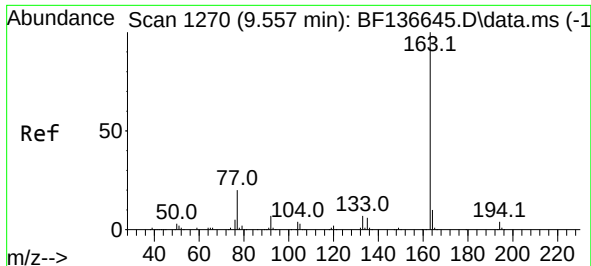
Tgt Ion: 330 Resp: 91379
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 27.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 56.861 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

Tgt Ion: 172 Resp: 483387
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 23.5 19.0 28.4

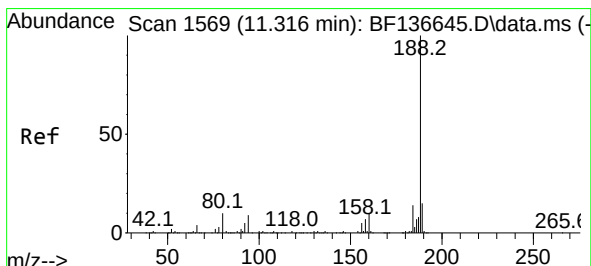
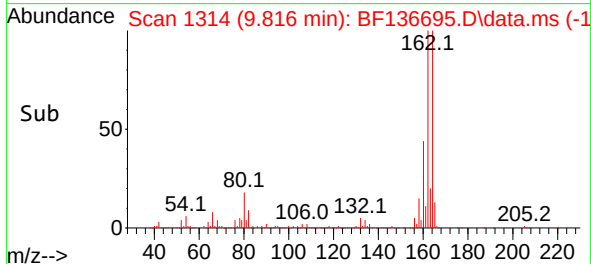
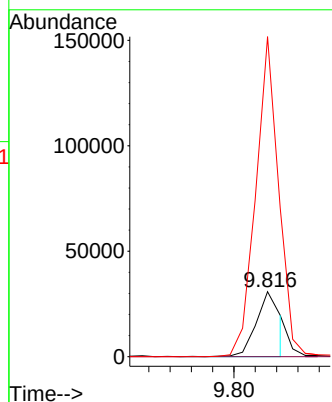
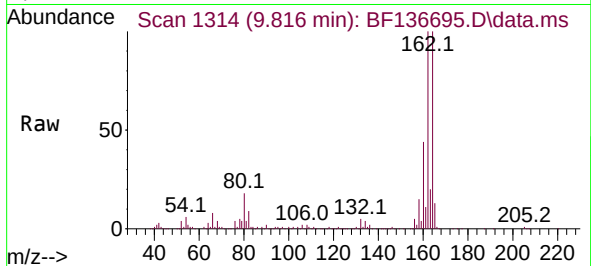




#50
Dimethylphthalate
Concen: 2.867 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

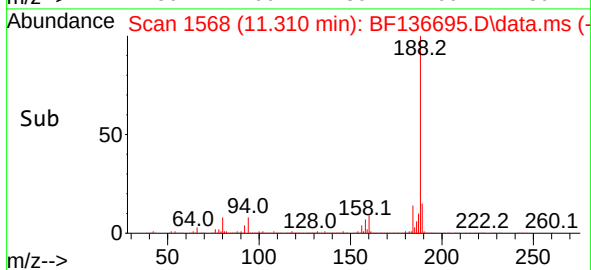
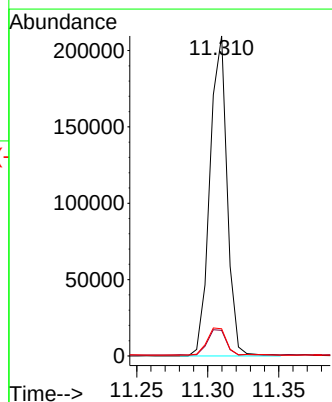
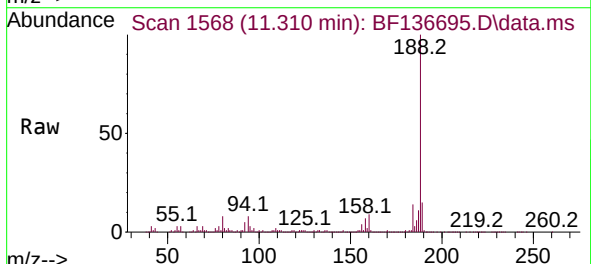
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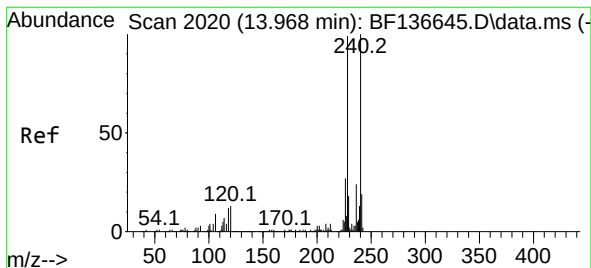
Tgt Ion:163 Resp: 23941
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 492.0 7.8 11.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

Tgt Ion:188 Resp: 176761
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 8.5 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: BF136695.D

Acq: 22 Dec 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CHRT-24537

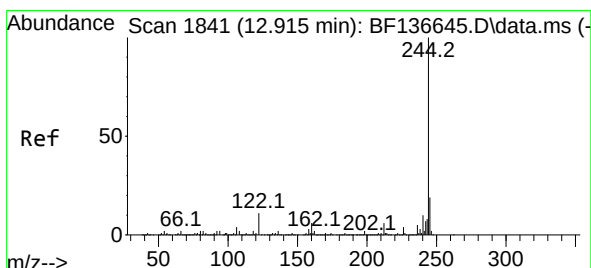
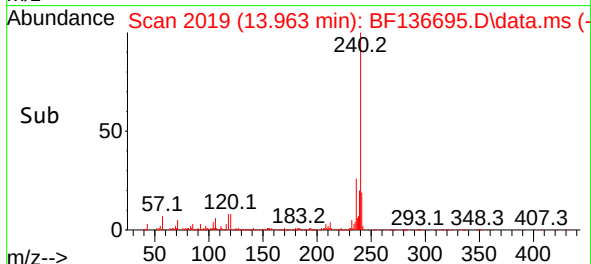
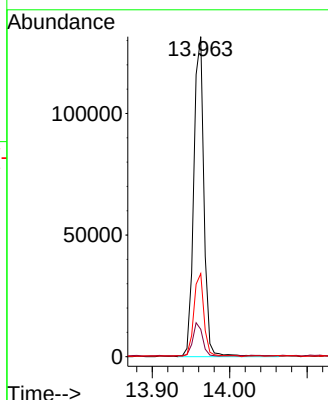
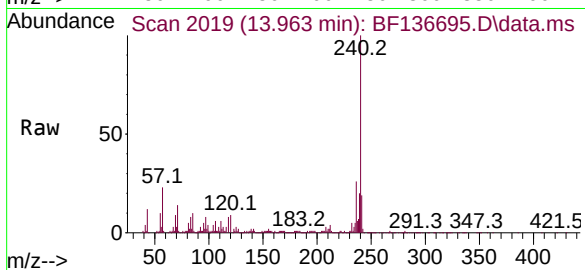
Tgt Ion:240 Resp: 120527

Ion Ratio Lower Upper

240 100

120 8.5 10.3 15.5#

236 26.0 19.4 29.2



#79

Terphenyl-d14

Concen: 38.631 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

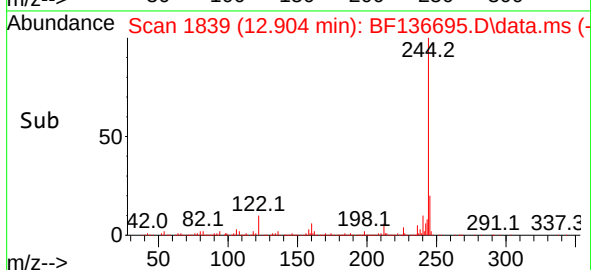
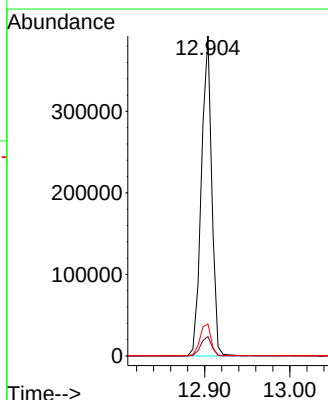
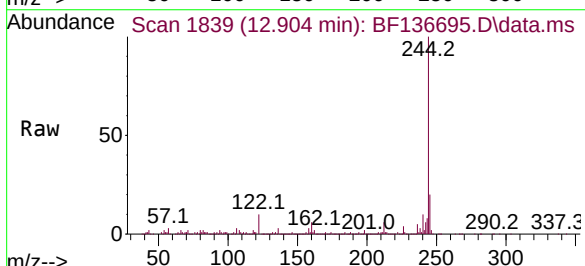
Tgt Ion:244 Resp: 333178

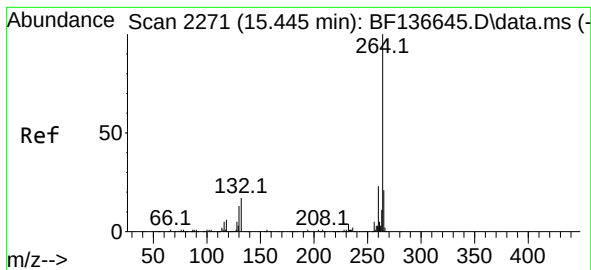
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.0 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: BF136695.D
 Acq: 22 Dec 2023 20:15

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24537

Tgt Ion:264 Resp: 136337
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 21.4 17.0 25.6

