

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135264.D
 Acq On : 14 Sep 2023 20:37
 Operator : CG\JU
 Sample : 04412-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Sep 15 01:36:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

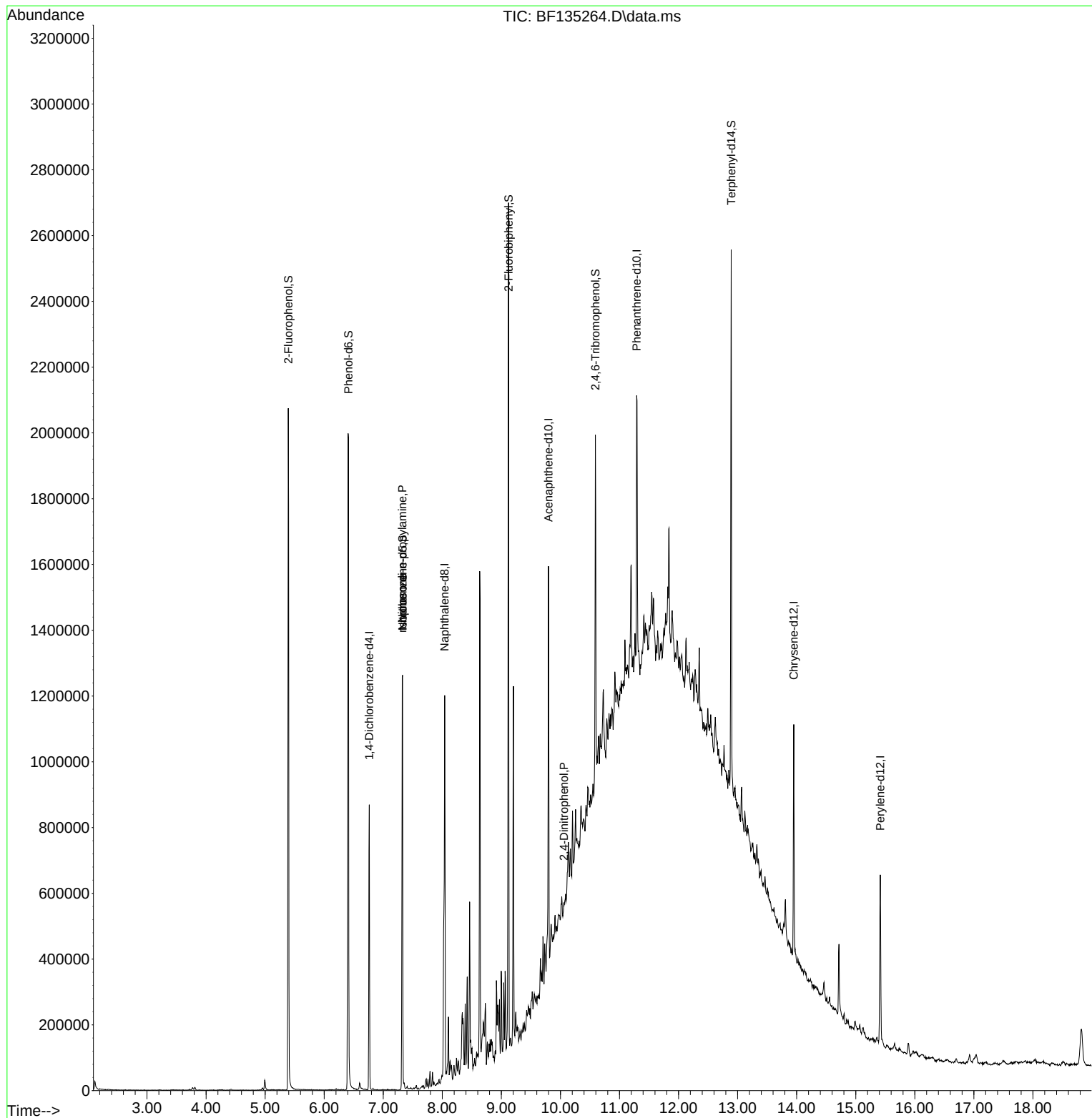
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	125999	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	466028	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	218555	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	329290	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	229960	20.000	ng	0.00
86) Perylene-d12	15.415	264	250717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	546179	70.503	ng	0.00
7) Phenol-d6	6.410	99	729171	74.023	ng	0.00
23) Nitrobenzene-d5	7.328	82	414458	48.317	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	140457	64.670	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	769145	53.095	ng	0.00
79) Terphenyl-d14	12.892	244	576690	38.875	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	55732	9.134	ng	# 81
25) Isophorone	7.328	82	414454	26.313	ng	# 65
54) 2,4-Dinitrophenol	10.063	184	54	6.275	ng	# 1

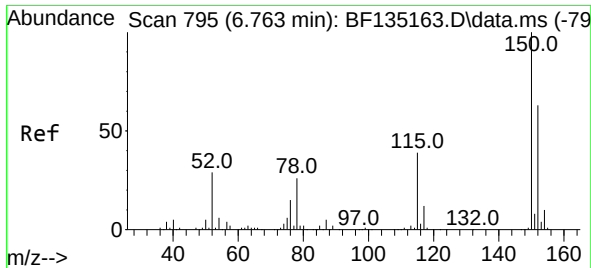
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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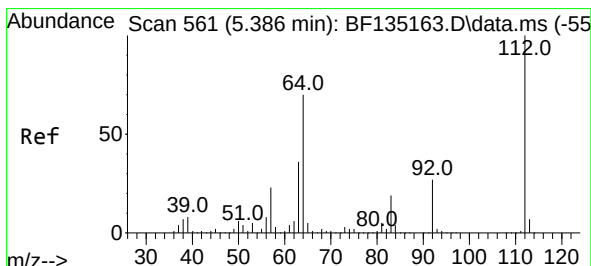
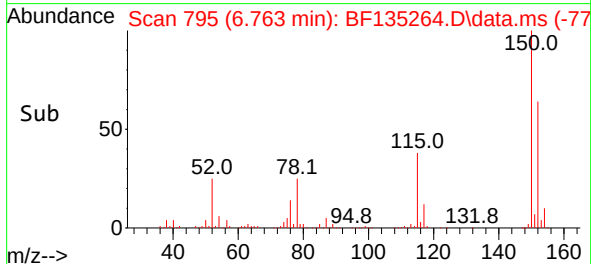
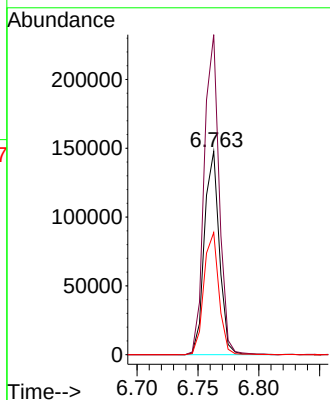
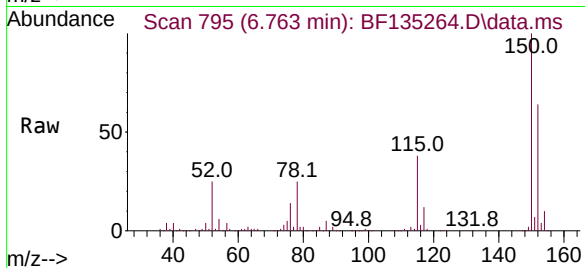




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

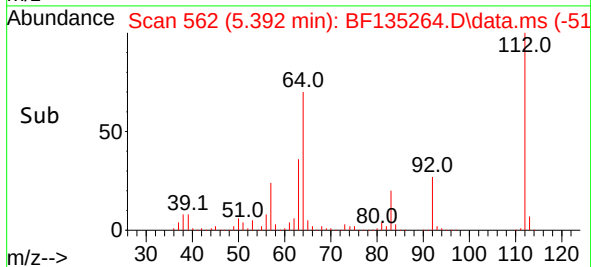
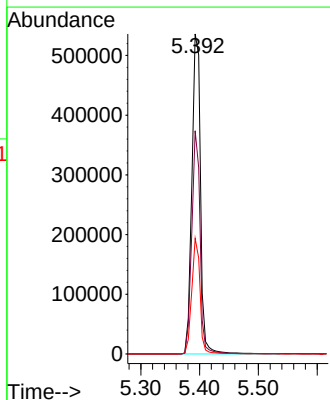
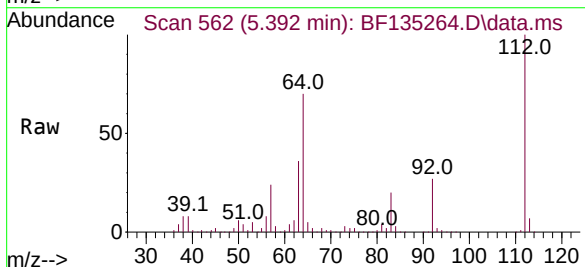
Instrument :
BNA_F
ClientSampleId :
WC-1

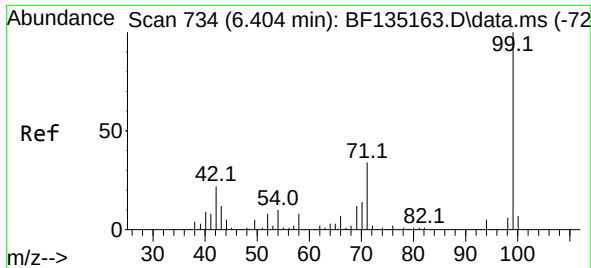
Tgt Ion:152 Resp: 125999
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 70.503 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

Tgt Ion:112 Resp: 546179
Ion Ratio Lower Upper
112 100
64 69.7 55.9 83.9
63 36.1 29.0 43.6

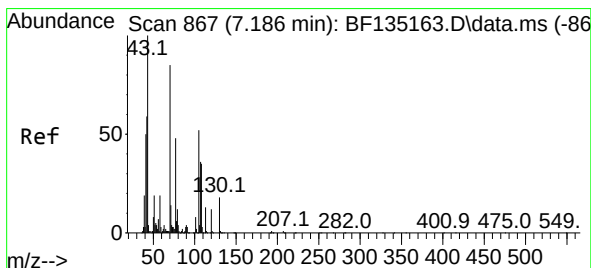
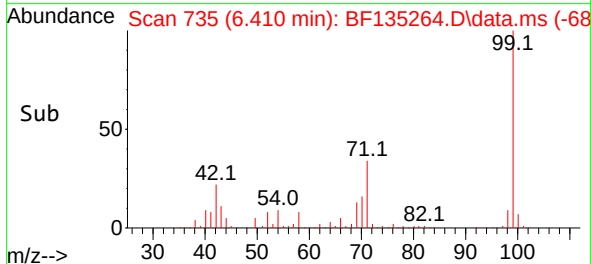
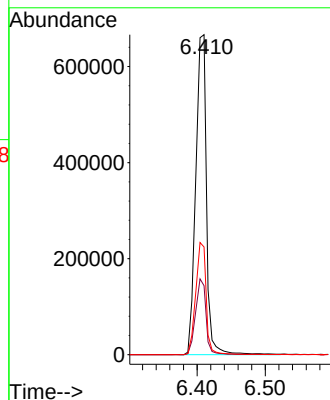
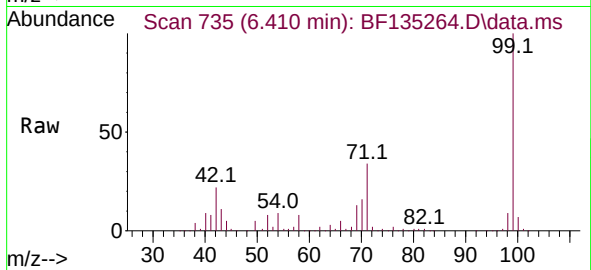




#7
Phenol-d6
Concen: 74.023 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

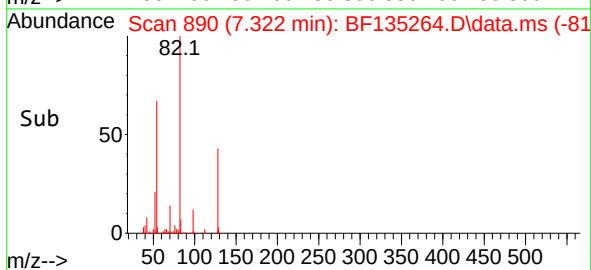
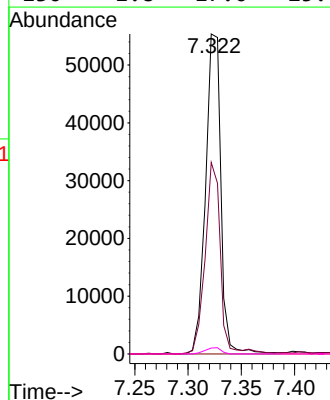
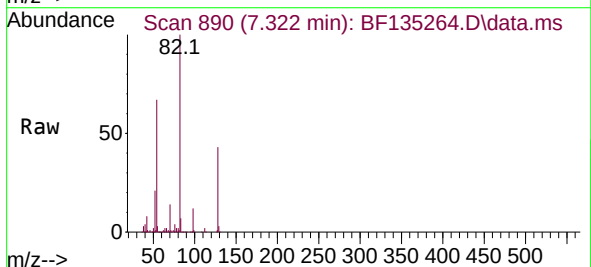
Instrument :
BNA_F
ClientSampleId :
WC-1

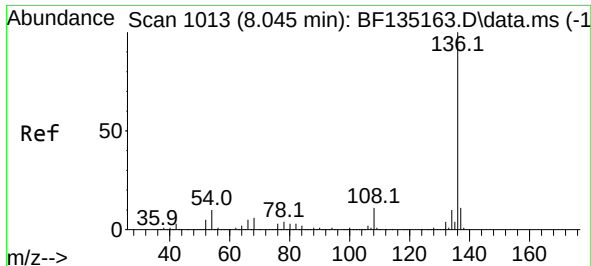
Tgt Ion: 99 Resp: 729171
Ion Ratio Lower Upper
99 100
42 21.6 17.9 26.9
71 33.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.134 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

Tgt Ion: 70 Resp: 55732
Ion Ratio Lower Upper
70 100
42 59.8 55.4 83.0
101 0.0 7.7 11.5#
130 1.8 17.0 25.6#

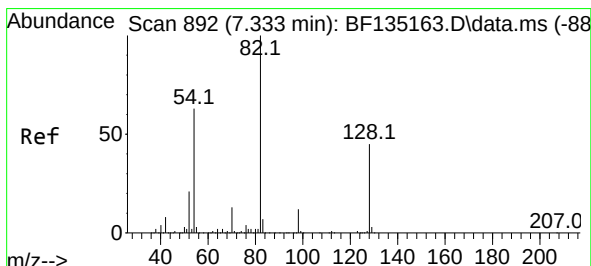
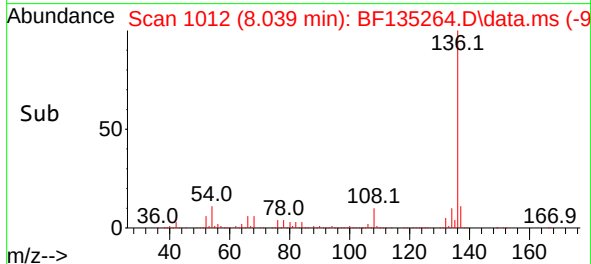
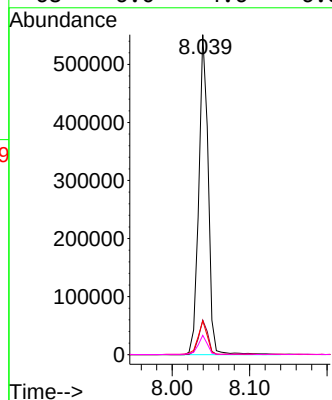
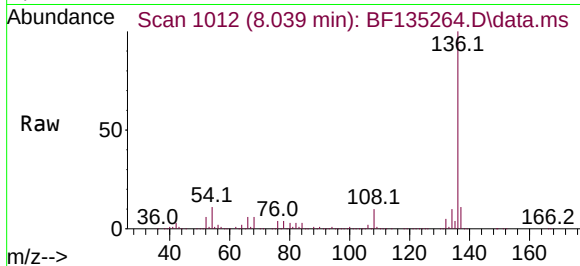




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

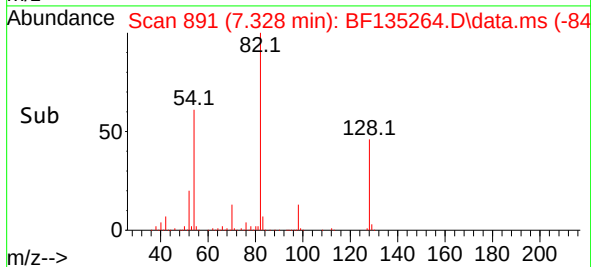
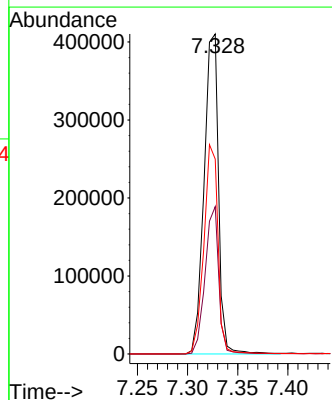
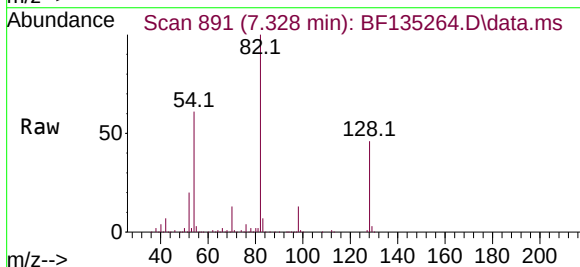
Instrument :
BNA_F
ClientSampleId :
WC-1

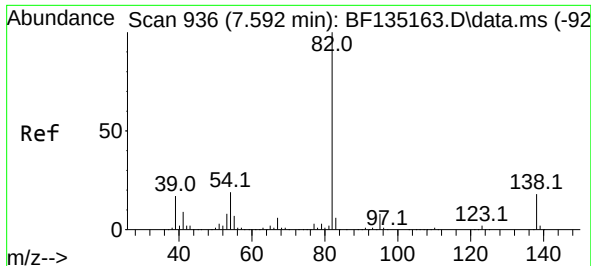
Tgt Ion:136 Resp: 466028
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.5 7.7 11.5
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 48.317 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

Tgt Ion: 82 Resp: 414458
Ion Ratio Lower Upper
82 100
128 46.0 35.8 53.6
54 60.9 50.6 76.0

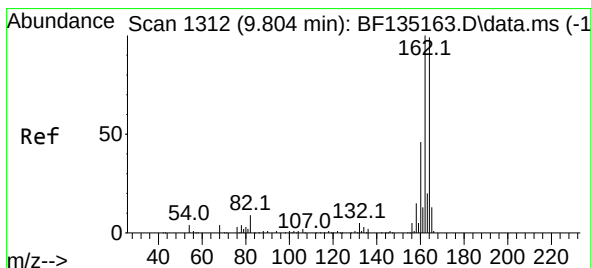
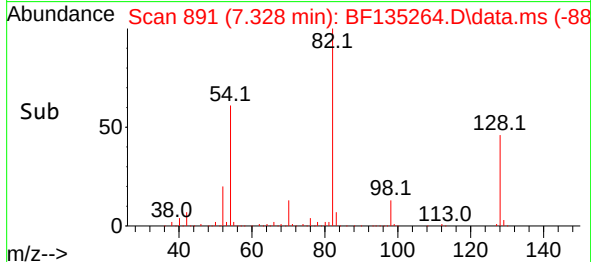
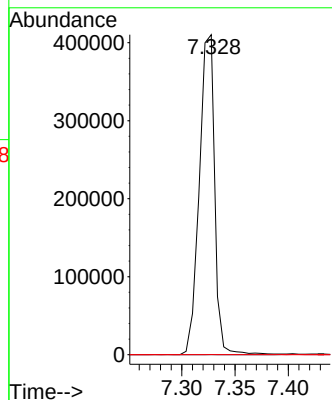
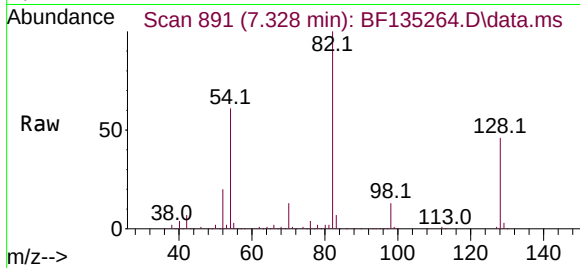




#25
Isophorone
Concen: 26.313 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

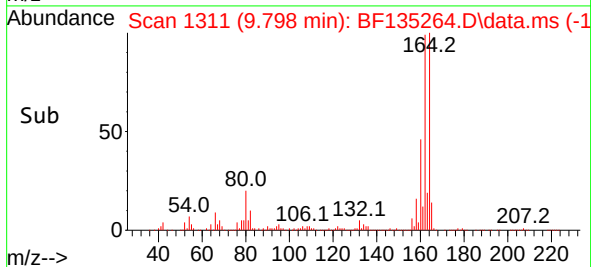
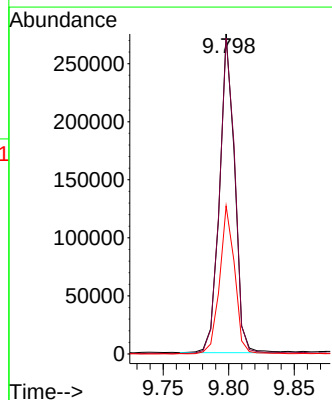
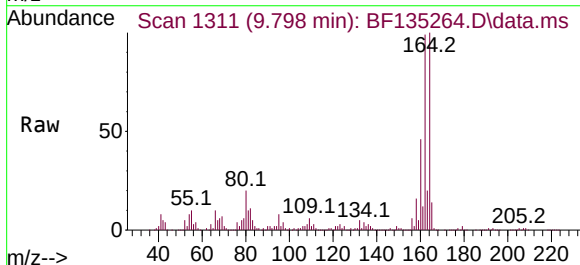
Instrument :
BNA_F
Client SampleId :
WC-1

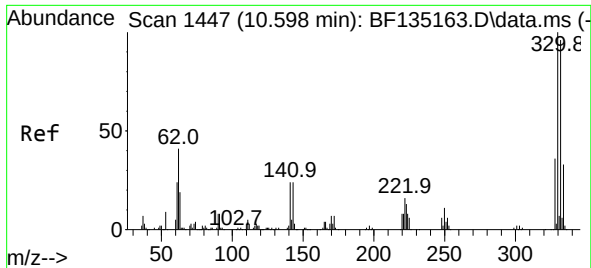
Tgt Ion: 82 Resp: 414454
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

Tgt Ion: 164 Resp: 218555
Ion Ratio Lower Upper
164 100
162 98.7 81.0 121.4
160 46.2 37.0 55.4

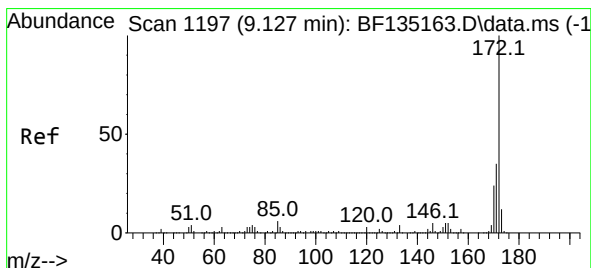
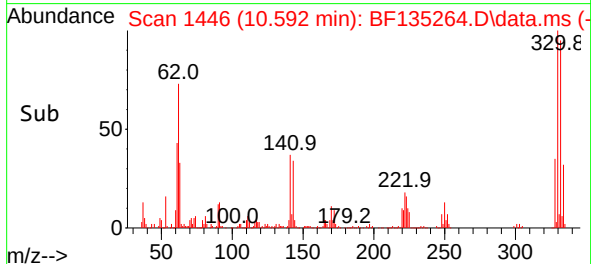
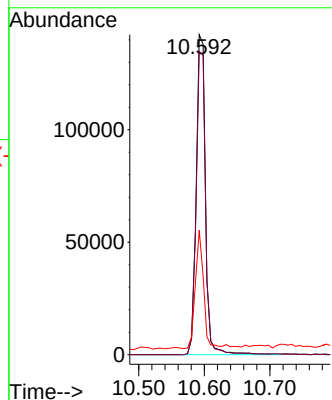
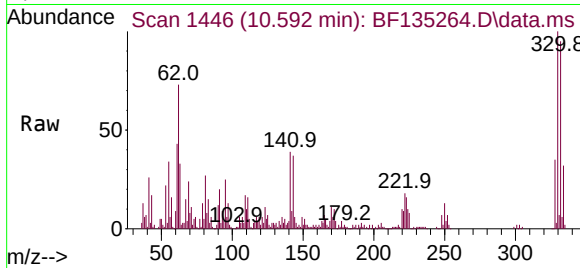




#42
2,4,6-Tribromophenol
Concen: 64.670 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

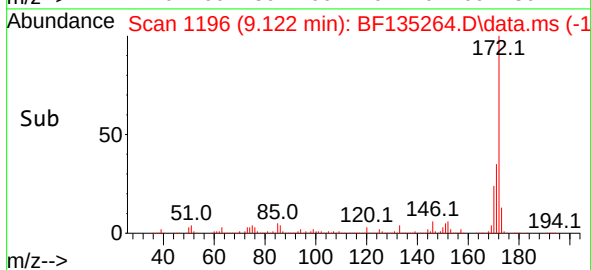
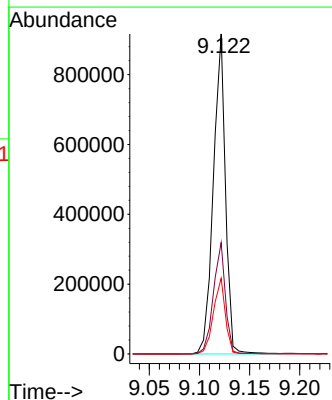
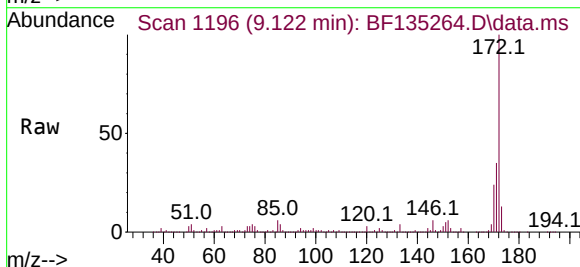
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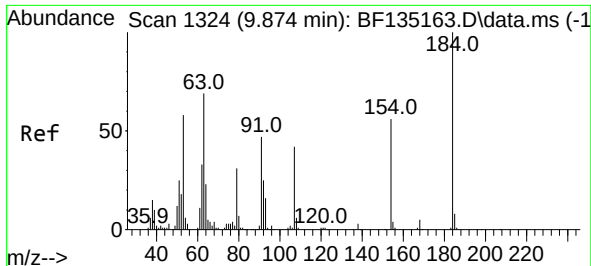
Tgt Ion:330 Resp: 140457
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 53.095 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

Tgt Ion:172 Resp: 769145
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.7 19.0 28.4

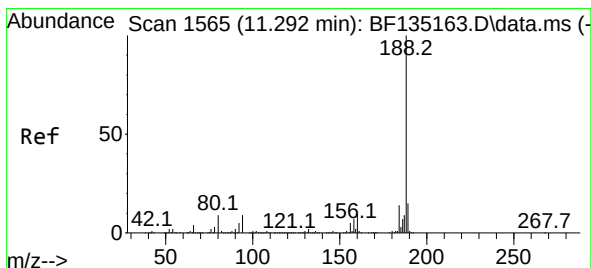
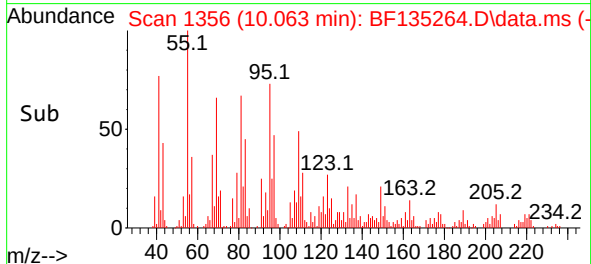
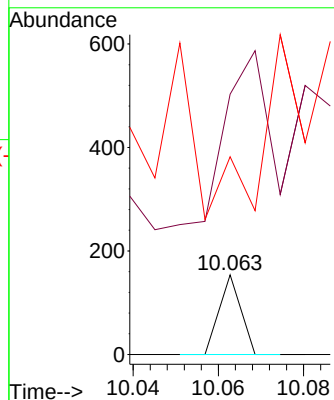
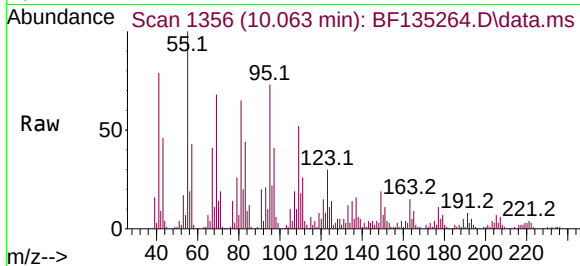




#54
2,4-Dinitrophenol
Concen: 6.275 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.189 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

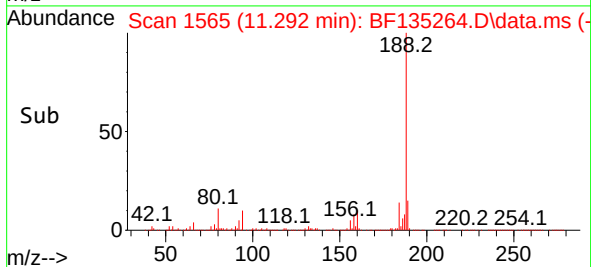
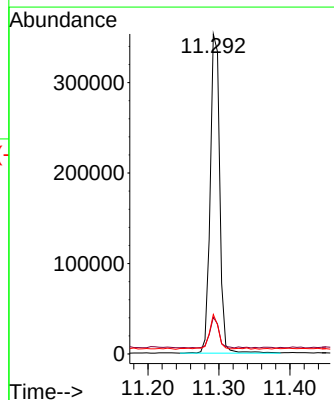
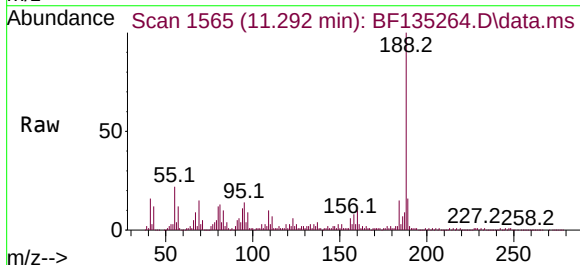
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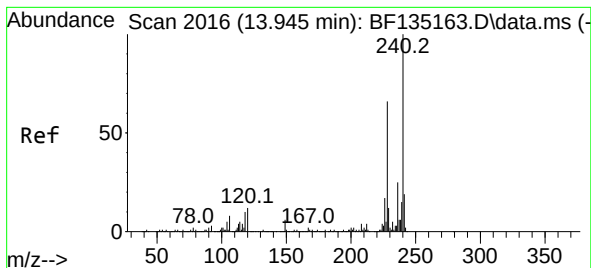
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 326.6 55.1 82.7#
154 248.1 48.4 72.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135264.D
Acq: 14 Sep 2023 20:37

Tgt Ion:188 Resp: 329290
Ion Ratio Lower Upper
188 100
94 11.5 7.0 10.6#
80 12.4 7.5 11.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF135264.D

Acq: 14 Sep 2023 20:37

Instrument :

BNA_F

ClientSampleId :

WC-1

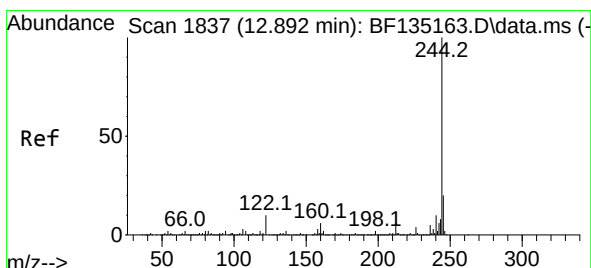
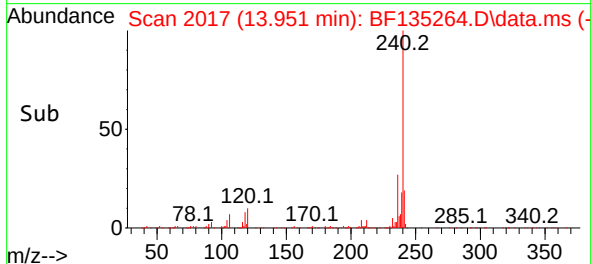
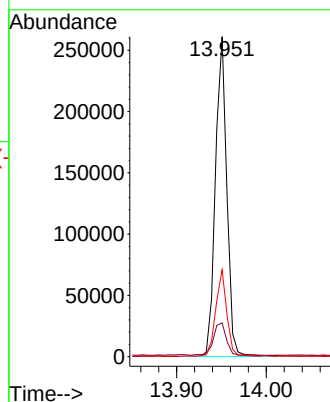
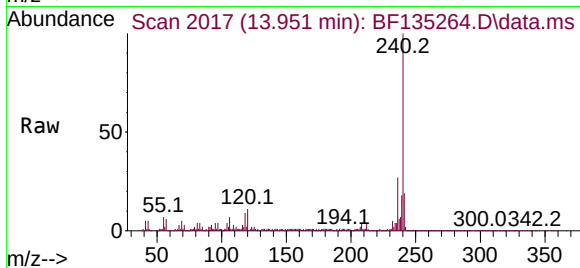
Tgt Ion:240 Resp: 229960

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 27.1 19.8 29.8



#79

Terphenyl-d14

Concen: 38.875 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135264.D

Acq: 14 Sep 2023 20:37

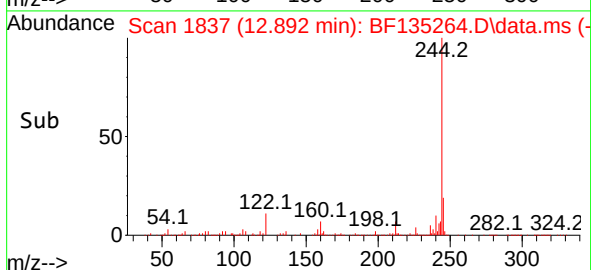
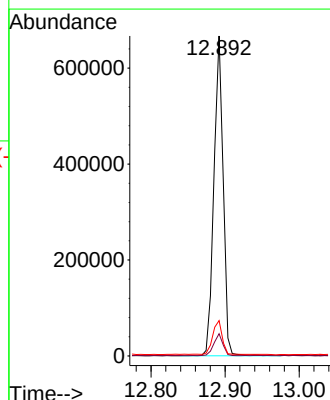
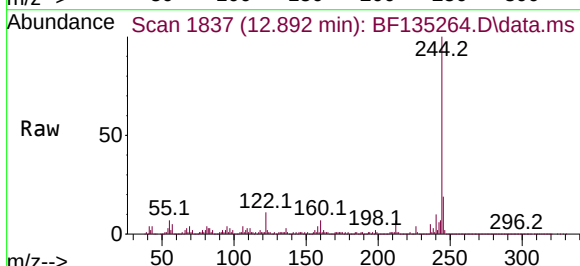
Tgt Ion:244 Resp: 576690

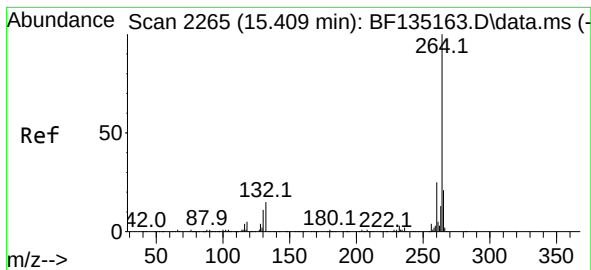
Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.1 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135264.D

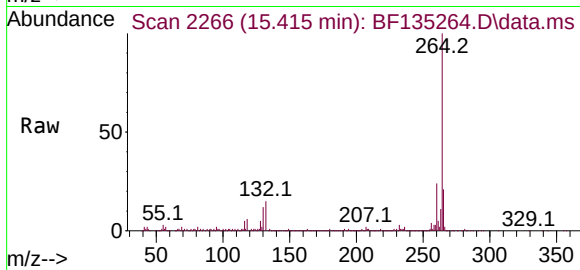
Acq: 14 Sep 2023 20:37

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Tgt Ion:264 Resp: 250717

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.4 17.0 25.4

