

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135873.D
 Acq On : 19 Oct 2023 04:30
 Operator : CG\JU
 Sample : 04858-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 19 05:27:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	65686	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	232942	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	97890	20.000	ng	-0.01
64) Phenanthrene-d10	11.275	188	177132	20.000	ng	0.00
76) Chrysene-d12	13.939	240	154724	20.000	ng	-0.01
86) Perylene-d12	15.421	264	114777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	373839	91.502	ng	0.00
7) Phenol-d6	6.398	99	471273	92.448	ng	0.00
23) Nitrobenzene-d5	7.304	82	274349	64.776	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	90912	96.784	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	453167	72.380	ng	0.00
79) Terphenyl-d14	12.869	244	475479	56.911	ng	-0.01

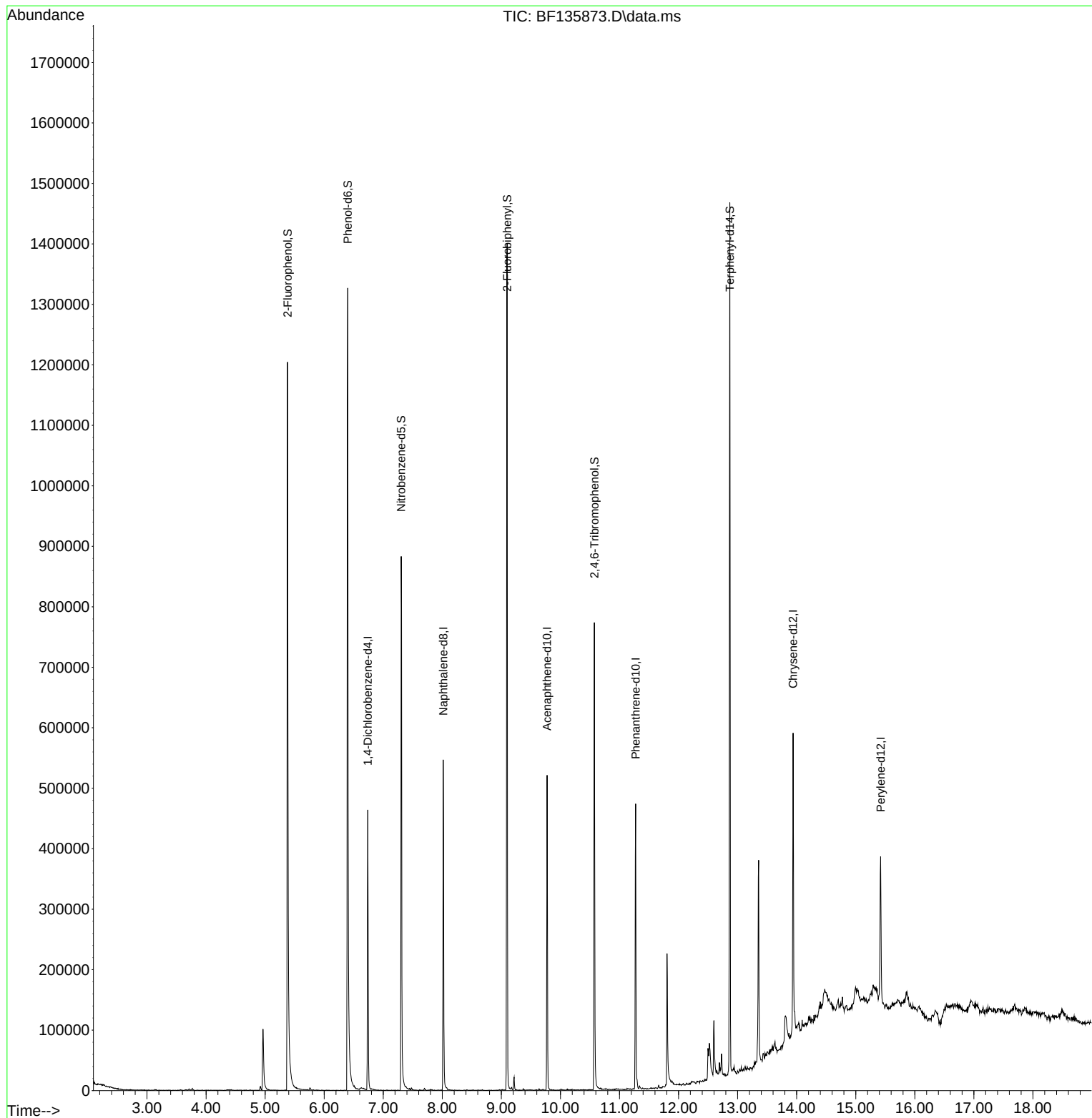
Target Compounds	Qvalue

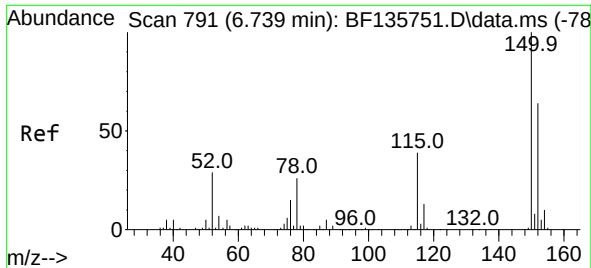
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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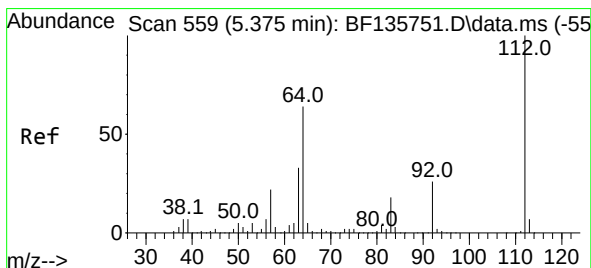
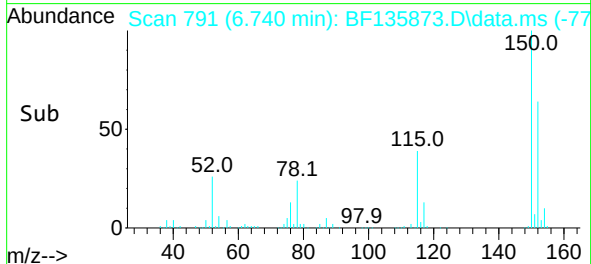
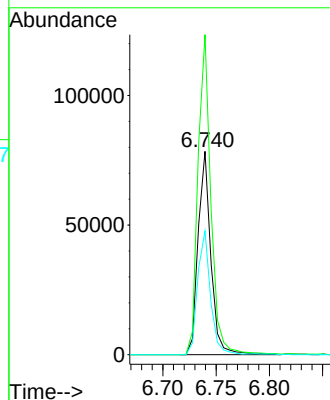
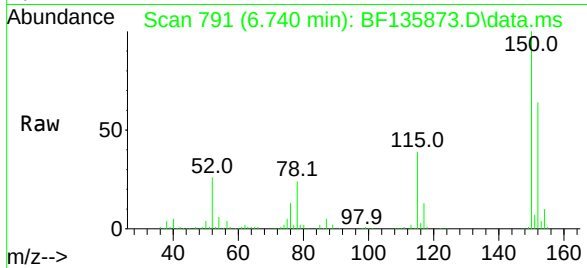




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135873.D
Acq: 19 Oct 2023 04:30

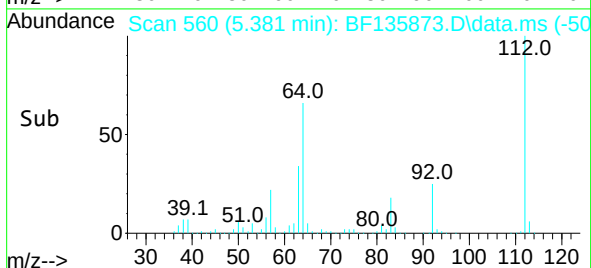
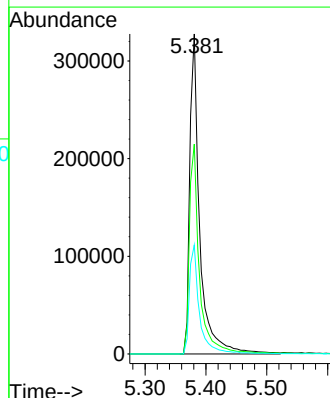
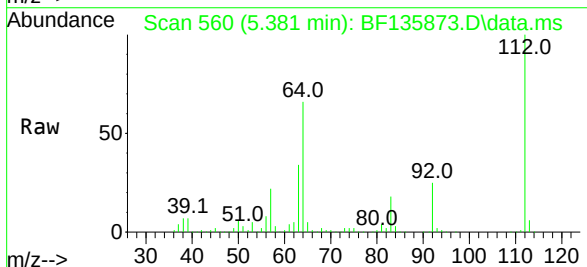
Instrument :
BNA_F
ClientSampleId :
WC-2

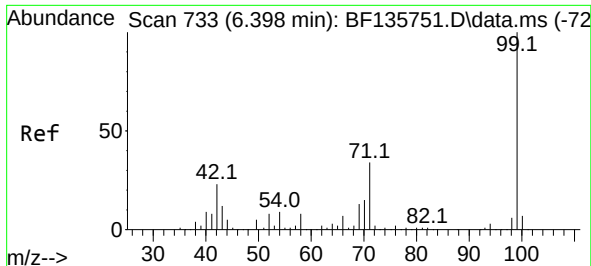
Tgt Ion:152 Resp: 65686
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 60.9 49.0 73.4



#5
2-Fluorophenol
Concen: 91.502 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135873.D
Acq: 19 Oct 2023 04:30

Tgt Ion:112 Resp: 373839
Ion Ratio Lower Upper
112 100
64 65.6 51.2 76.8
63 34.1 26.1 39.1

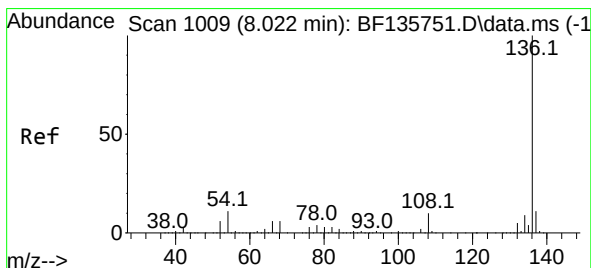
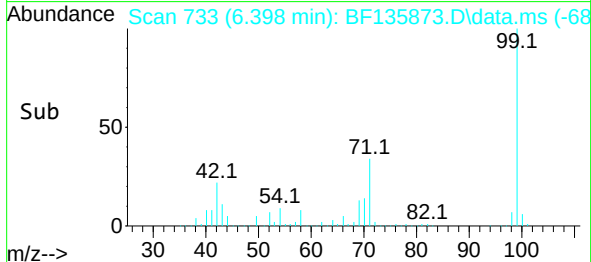
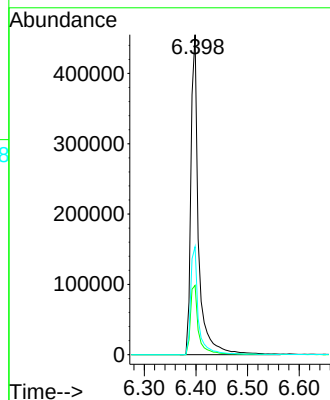
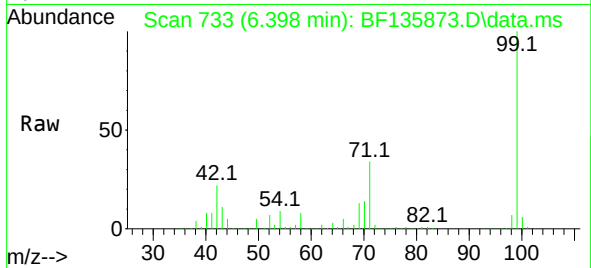




#7
Phenol-d6
Concen: 92.448 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135873.D
Acq: 19 Oct 2023 04:30

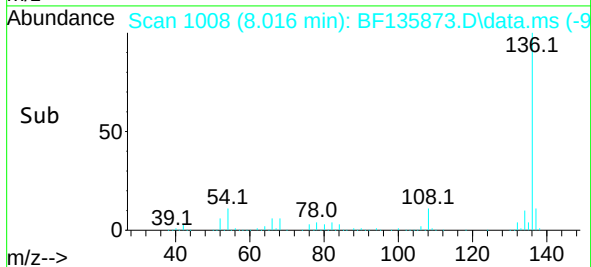
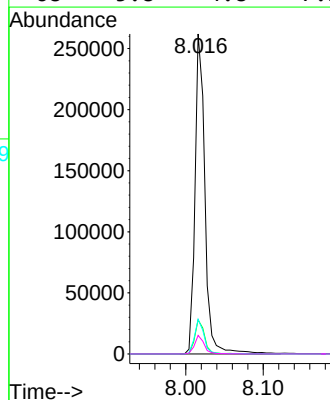
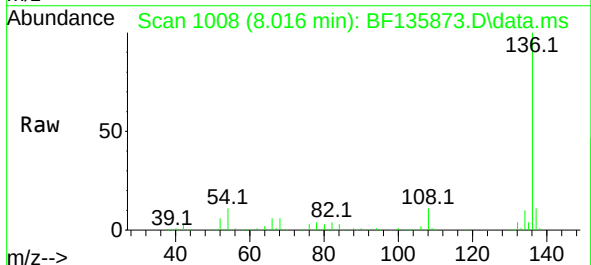
Instrument :
BNA_F
ClientSampleId :
WC-2

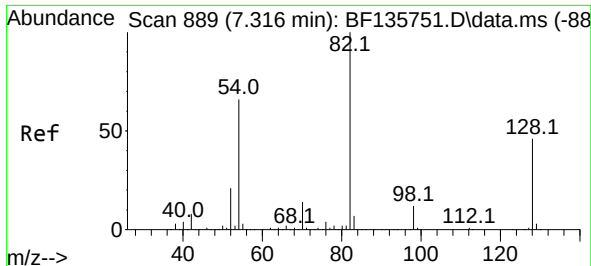
Tgt Ion: 99 Resp: 471273
Ion Ratio Lower Upper
99 100
42 21.7 18.4 27.6
71 33.7 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135873.D
Acq: 19 Oct 2023 04:30

Tgt Ion: 136 Resp: 232942
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.9 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 64.776 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135873.D

Acq: 19 Oct 2023 04:30

Instrument :

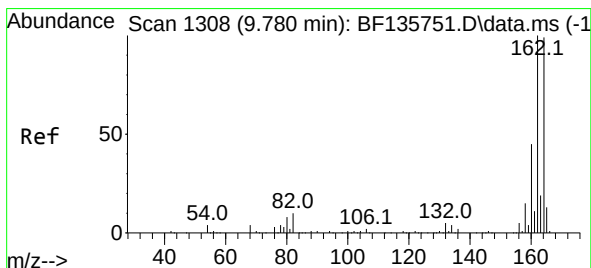
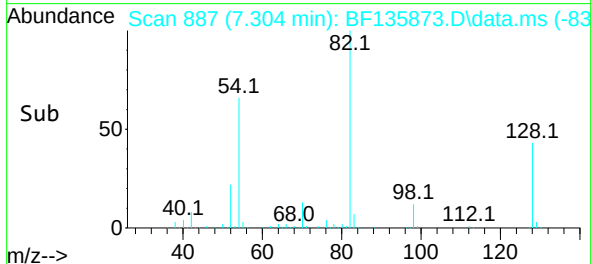
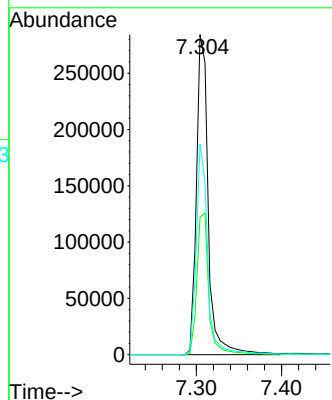
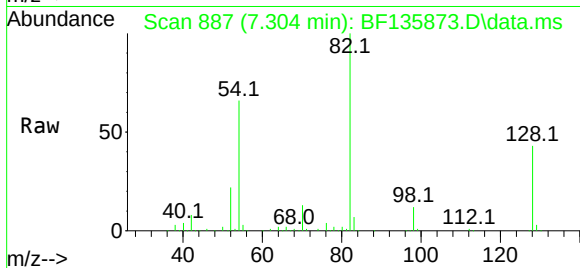
BNA_F

ClientSampleId :

WC-2

Tgt Ion: 82 Resp: 274349

Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.6
54	65.9	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

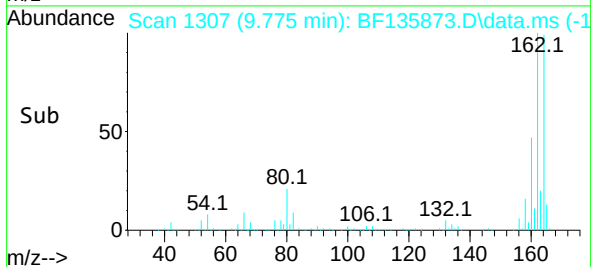
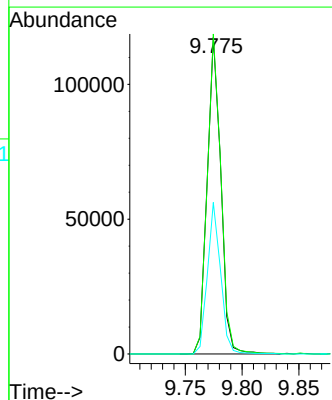
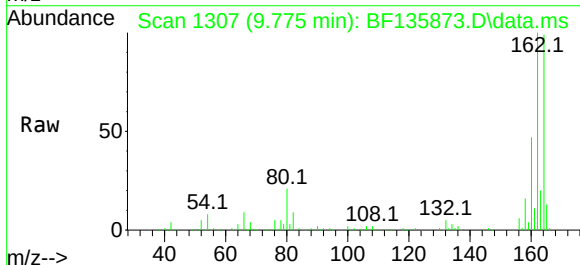
Delta R.T. -0.012 min

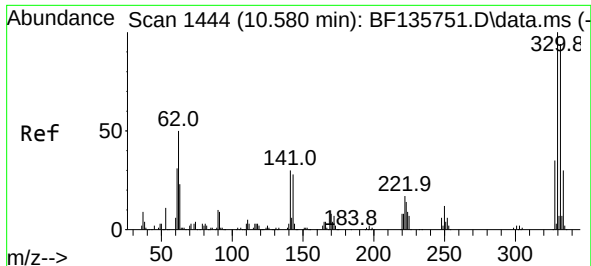
Lab File: BF135873.D

Acq: 19 Oct 2023 04:30

Tgt Ion: 164 Resp: 97890

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.8	121.2
160	47.9	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 96.784 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135873.D

Acq: 19 Oct 2023 04:30

Instrument :

BNA_F

ClientSampleId :

WC-2

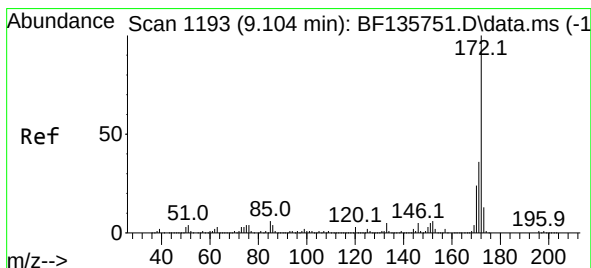
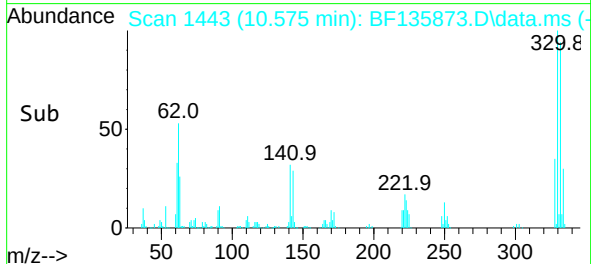
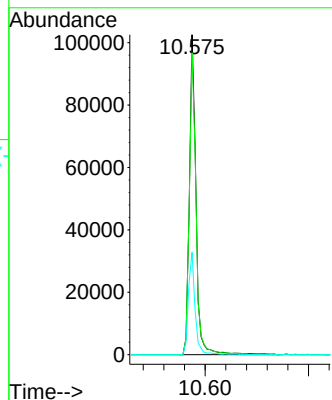
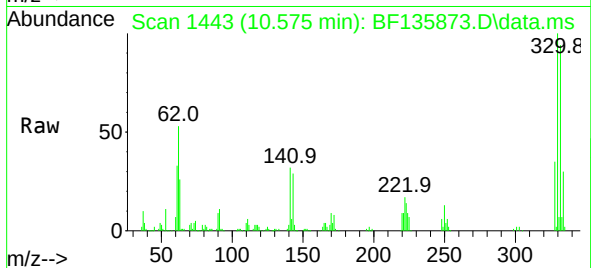
Tgt Ion:330 Resp: 90912

Ion Ratio Lower Upper

330 100

332 95.3 75.0 112.4

141 32.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 72.380 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135873.D

Acq: 19 Oct 2023 04:30

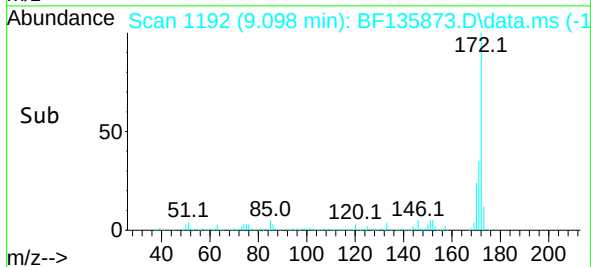
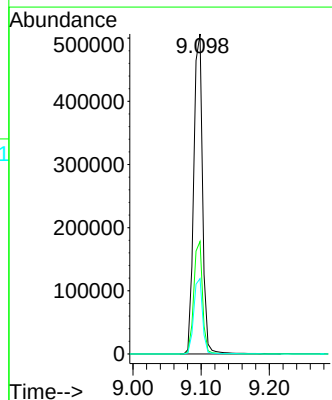
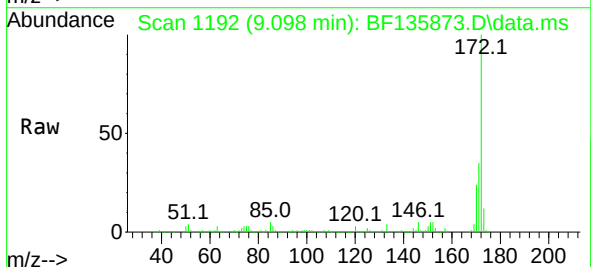
Tgt Ion:172 Resp: 453167

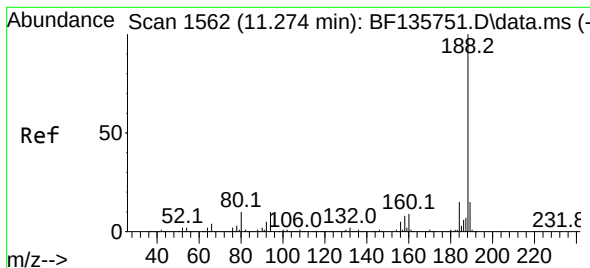
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 18.8 28.2

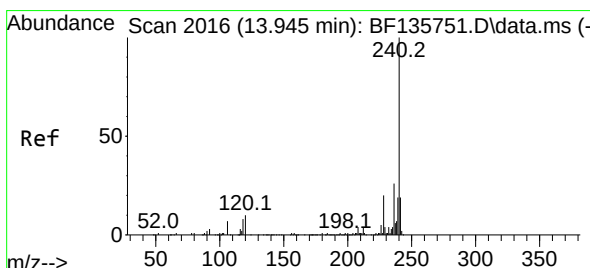
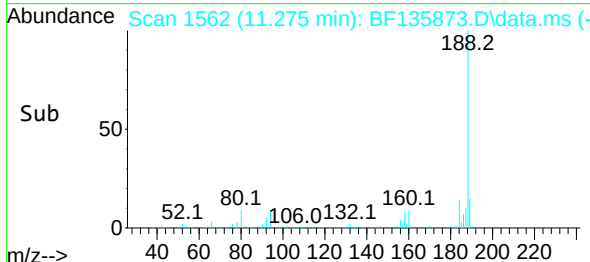
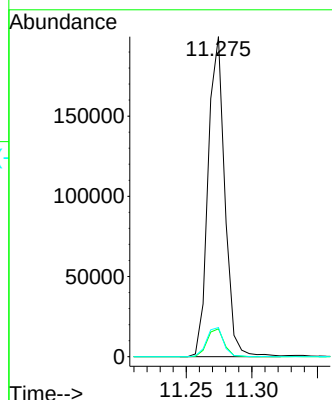
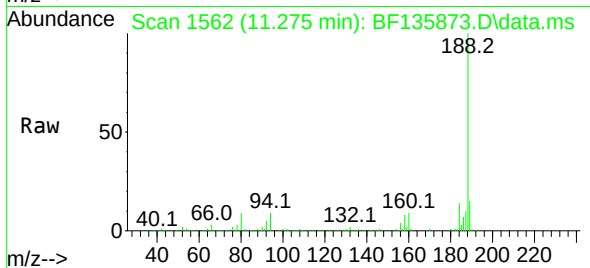




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135873.D
Acq: 19 Oct 2023 04:30

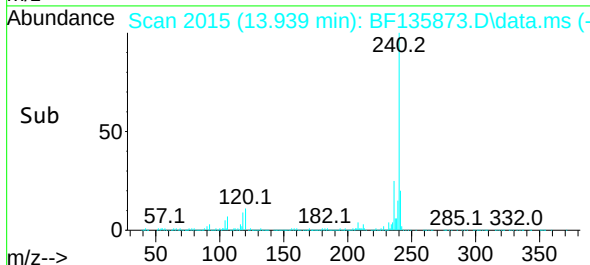
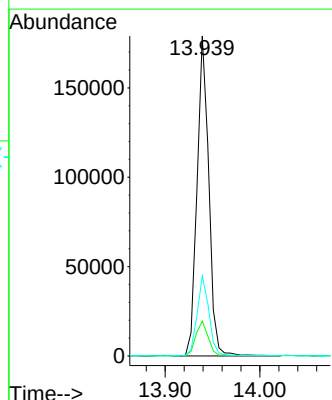
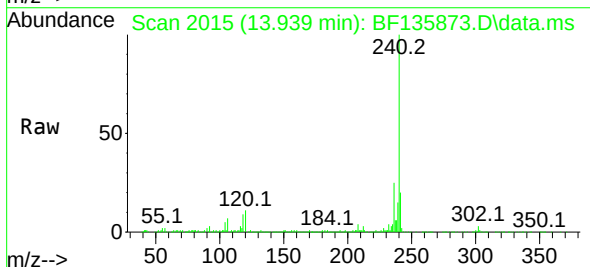
Instrument :
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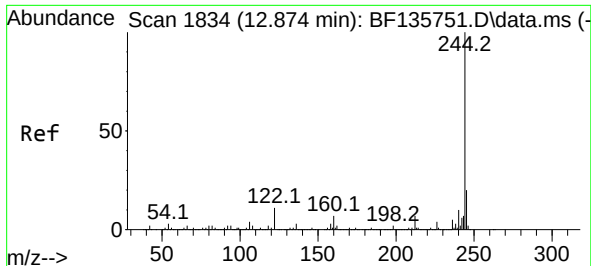
Tgt Ion:188 Resp: 177132
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.1 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135873.D
Acq: 19 Oct 2023 04:30

Tgt Ion:240 Resp: 154724
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 25.0 21.2 31.8

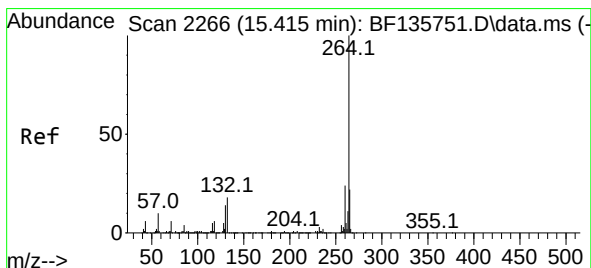
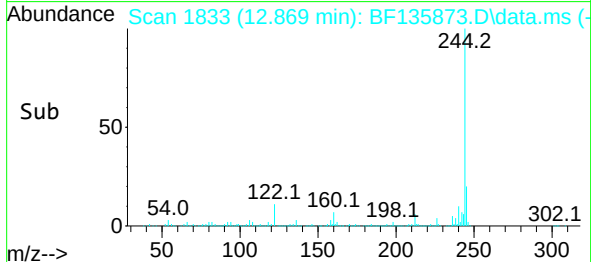
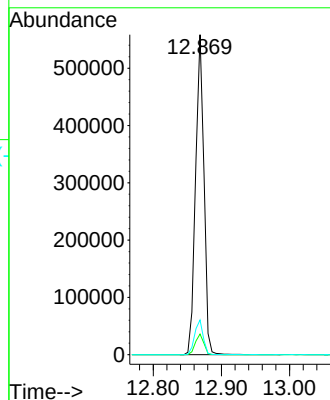
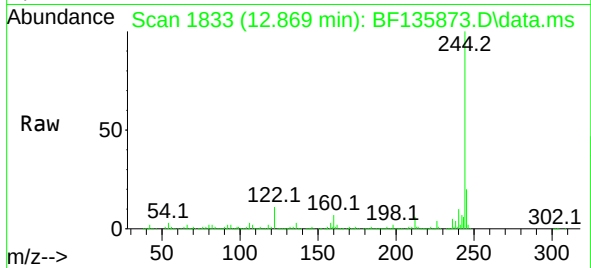




#79
 Terphenyl-d14
 Concen: 56.911 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135873.D
 Acq: 19 Oct 2023 04:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 475479
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.8 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135873.D
 Acq: 19 Oct 2023 04:30

Tgt Ion:264 Resp: 114777
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.9 17.4 26.2

