

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135864.D
 Acq On : 18 Oct 2023 23:59
 Operator : CG\JU
 Sample : 04887-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-622-VOC-04

Quant Time: Oct 19 02:10:55 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	75824	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	289606	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	148174	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	291612	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	159855	20.000	ng	-0.01
86) Perylene-d12	15.415	264	194530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	700696	148.574	ng	0.02
7) Phenol-d6	6.398	99	794931	135.090	ng	0.00
23) Nitrobenzene-d5	7.310	82	565766	107.445	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	247785	174.270	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1002721	105.806	ng	0.00
79) Terphenyl-d14	12.869	244	1053073	121.998	ng	-0.01

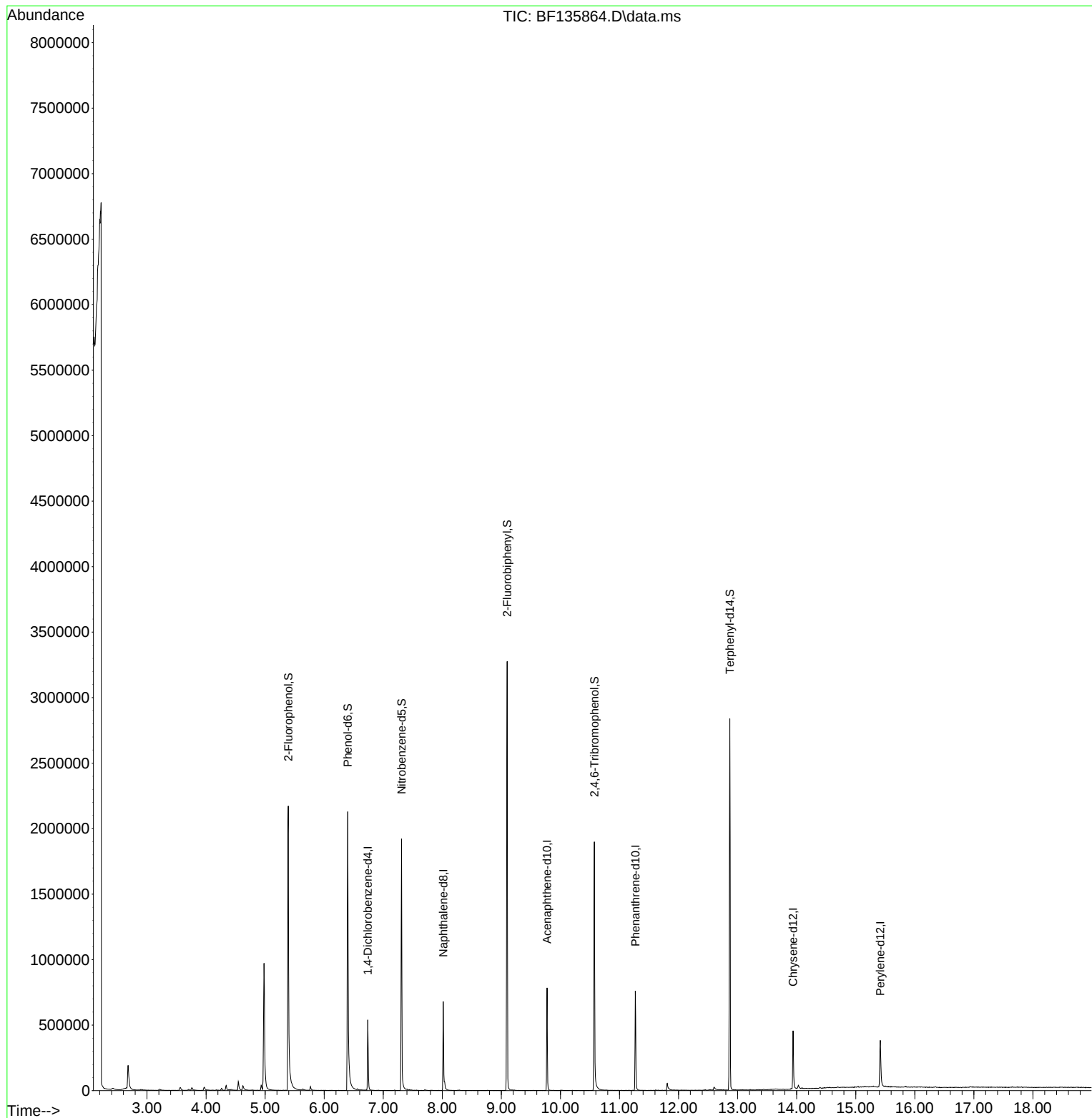
Target Compounds	Qvalue

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

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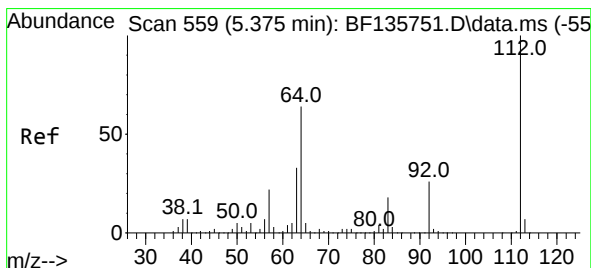
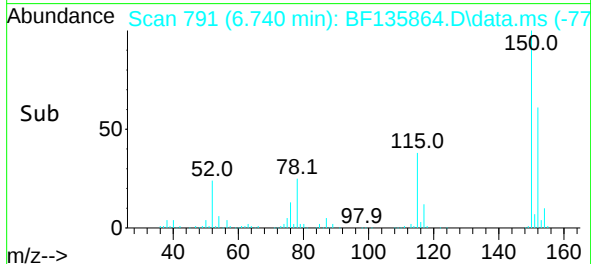
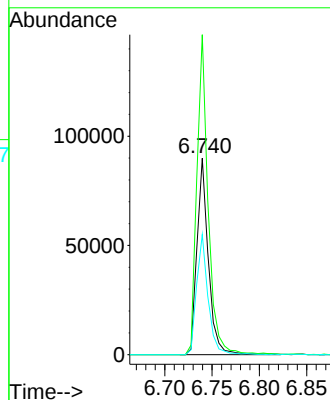
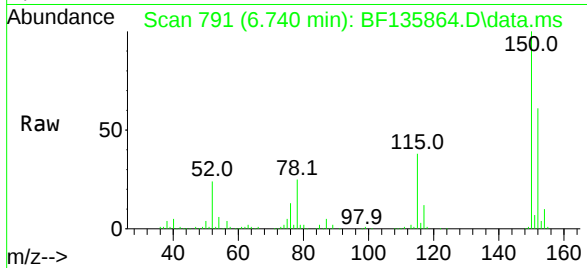




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

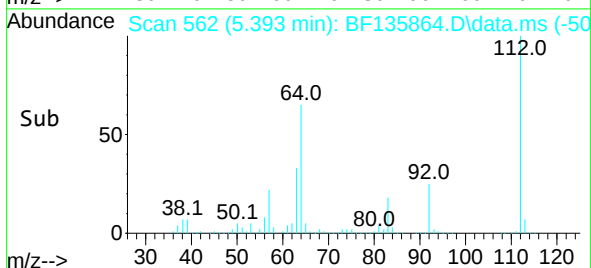
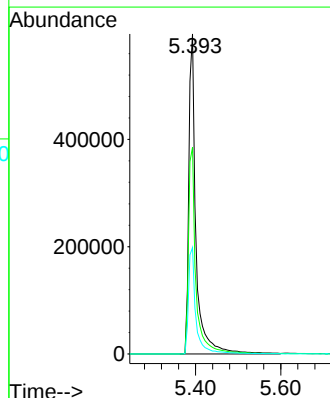
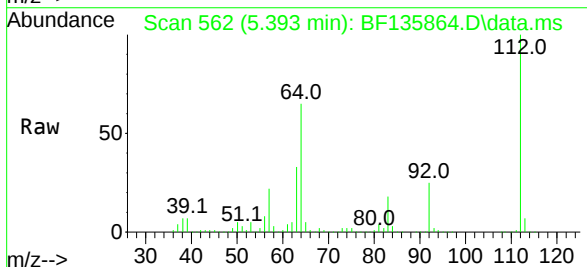
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04

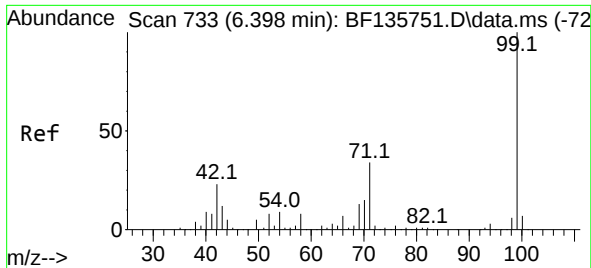
Tgt Ion:152 Resp: 75824
Ion Ratio Lower Upper
152 100
150 162.8 124.5 186.7
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 148.574 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.018 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

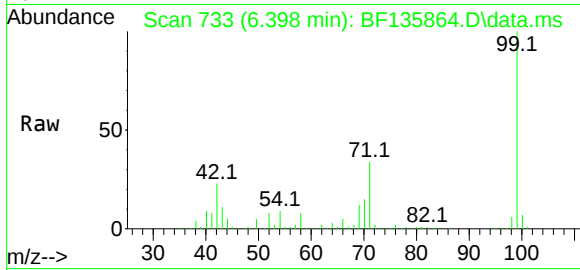
Tgt Ion:112 Resp: 700696
Ion Ratio Lower Upper
112 100
64 64.6 51.2 76.8
63 33.2 26.1 39.1



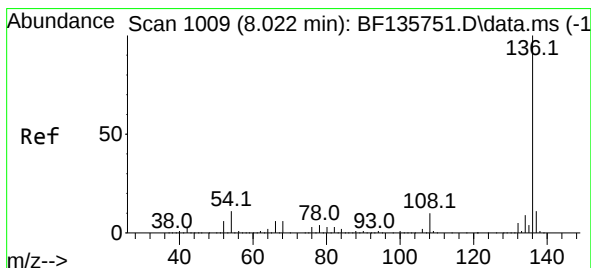
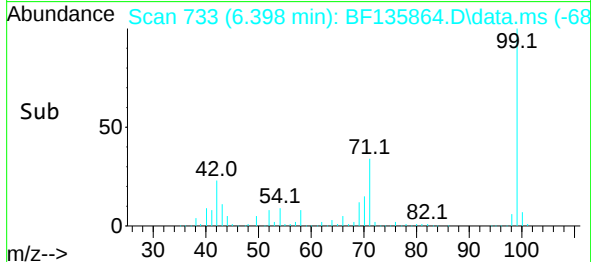
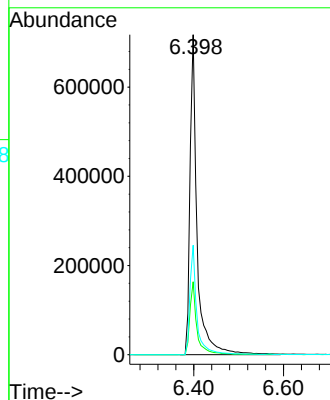


#7
Phenol-d6
Concen: 135.090 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04

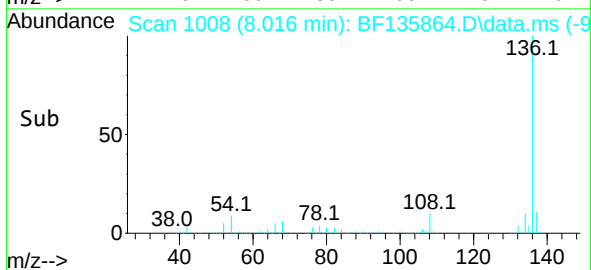
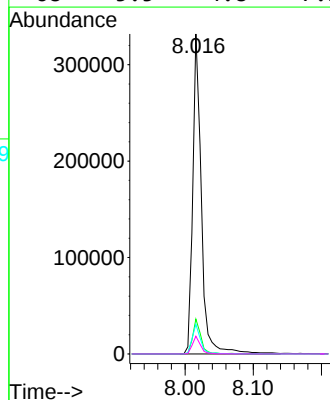
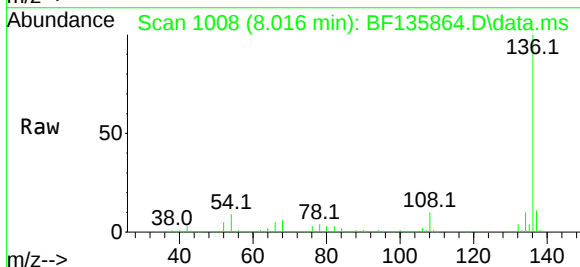


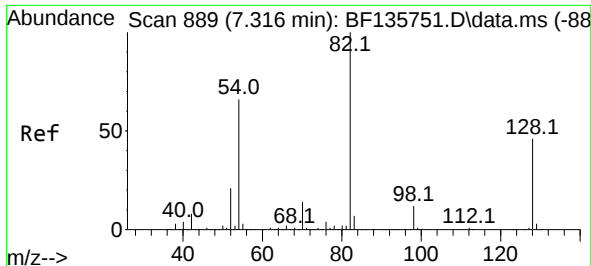
Tgt Ion:	99	Resp:	794931
Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.4	27.6
71	34.2	27.2	40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion:	136	Resp:	289606
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.3	8.5	12.7
68	5.5	4.8	7.2





#23

Nitrobenzene-d5

Concen: 107.445 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

Instrument :

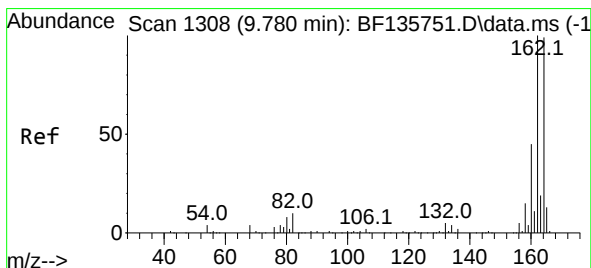
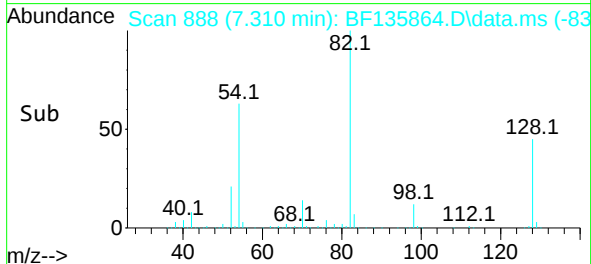
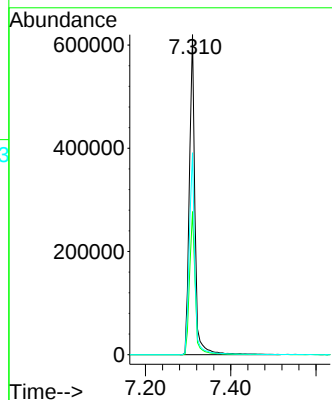
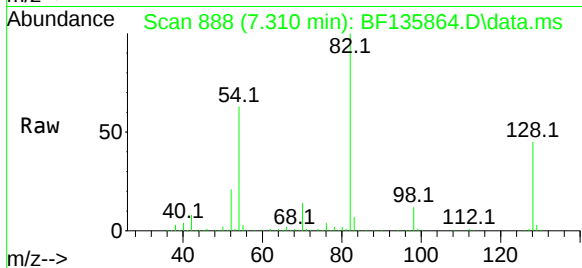
BNA_F

ClientSampleId :

SU-622-VOC-04

Tgt Ion: 82 Resp: 565766

Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.0	55.6
54	63.1	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

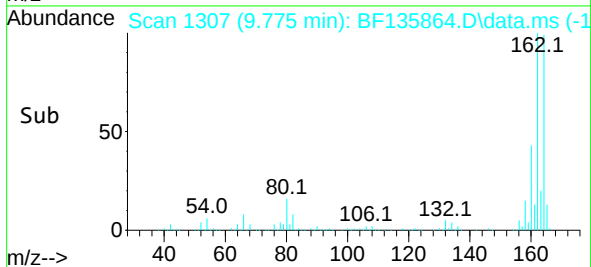
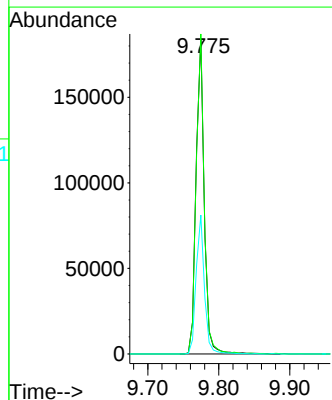
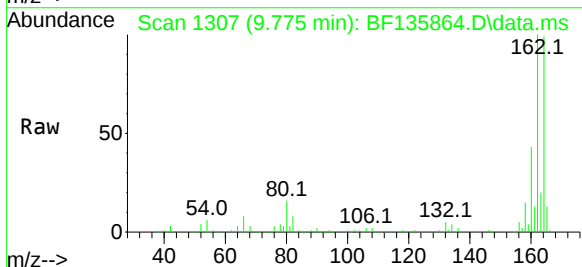
Delta R.T. -0.012 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

Tgt Ion: 164 Resp: 148174

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.8	121.2
160	44.0	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 174.270 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04

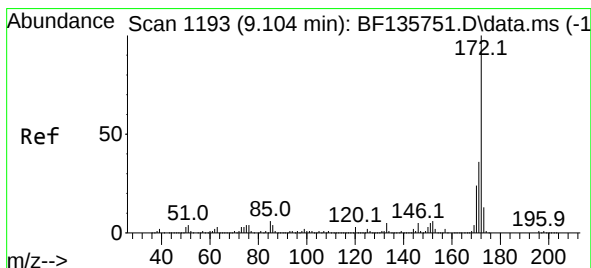
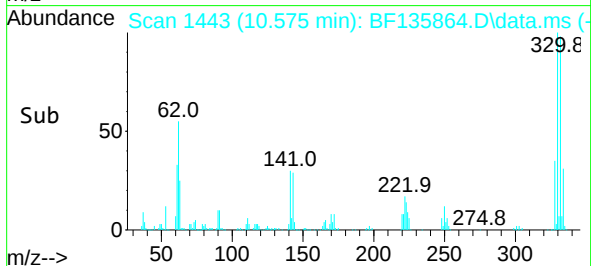
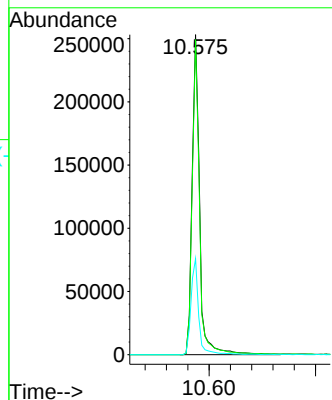
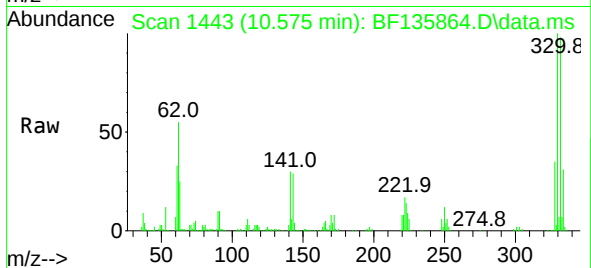
Tgt Ion:330 Resp: 247785

Ion Ratio Lower Upper

330 100

332 95.5 75.0 112.4

141 30.8 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 105.806 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

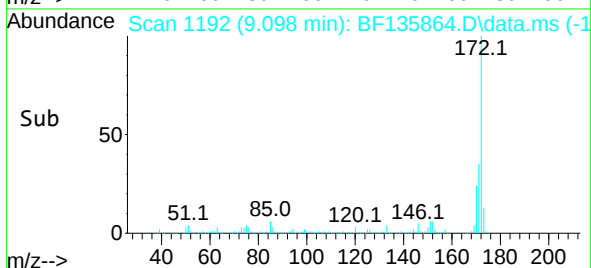
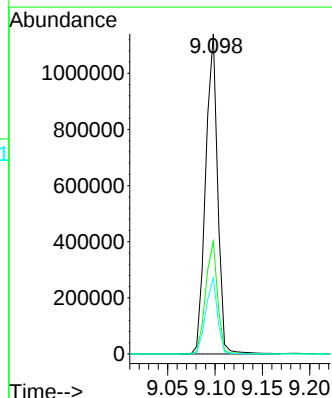
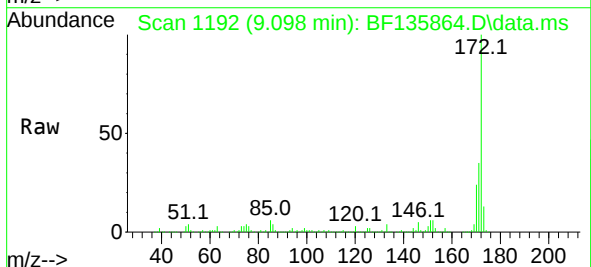
Tgt Ion:172 Resp: 1002721

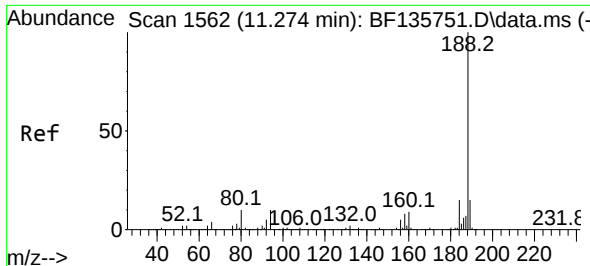
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.7 18.8 28.2

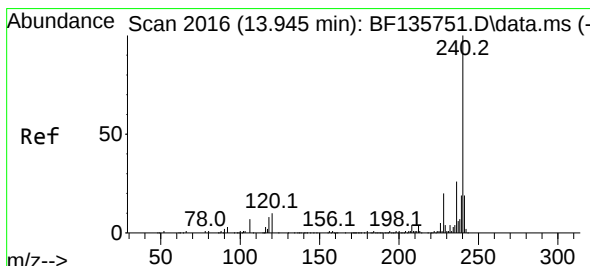
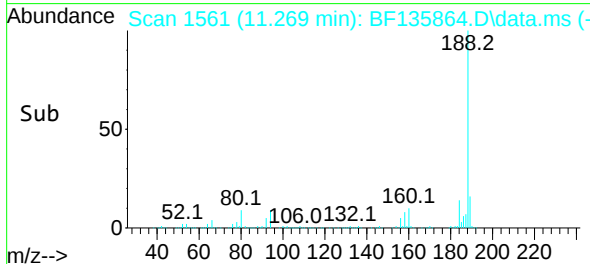
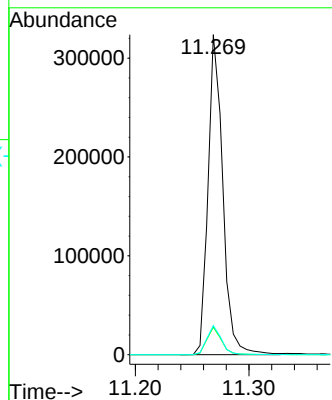
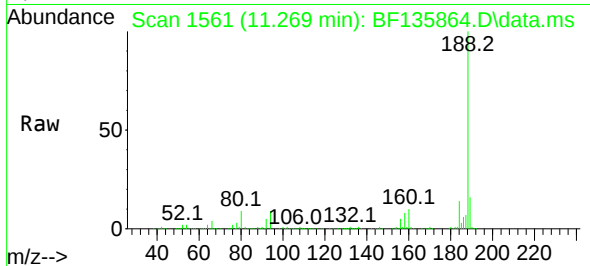




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

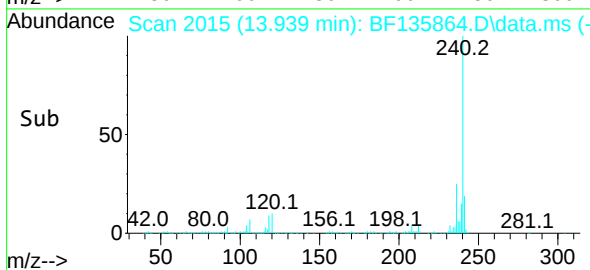
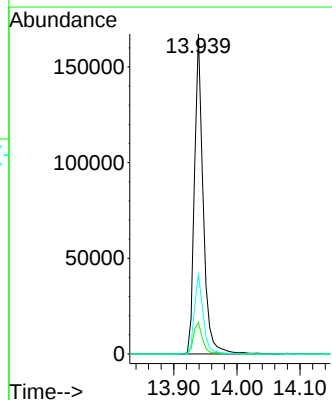
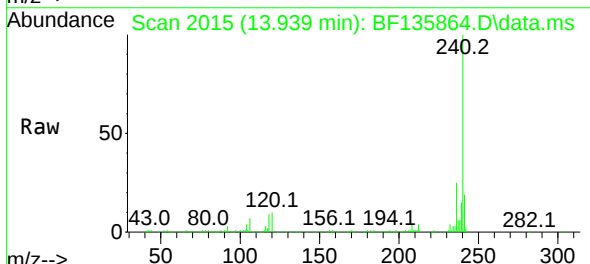
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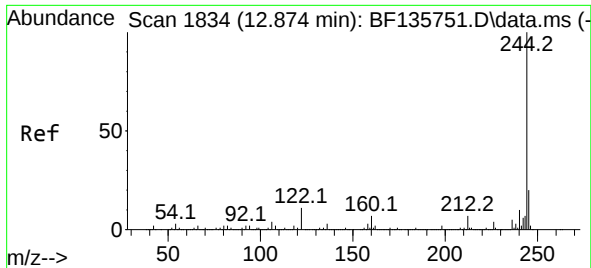
Tgt Ion:188 Resp: 291612
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.1 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion:240 Resp: 159855
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.0 21.2 31.8

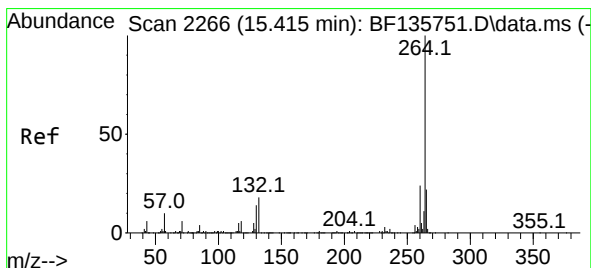
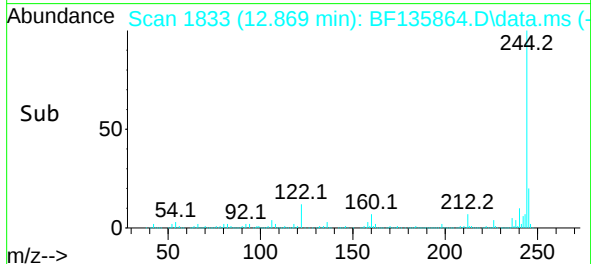
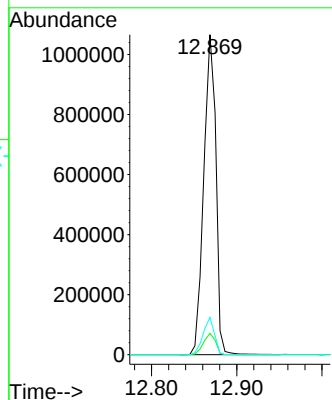
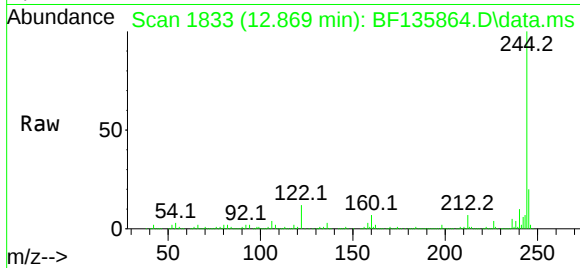




#79
Terphenyl-d14
Concen: 121.998 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Instrument :
BNA_F
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Tgt Ion:244 Resp: 1053073
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.6 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion:264 Resp: 194530
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.9 17.4 26.2

