

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101923\
 Data File : BF135884.D
 Acq On : 19 Oct 2023 14:02
 Operator : CG\JU
 Sample : 04908-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 19 14:30:33 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	6.734	152	72272	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	235973	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	126174	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	258342	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	201682	20.000	ng	-0.01
86) Perylene-d12	15.415	264	158130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	587640	130.725	ng	0.01
7) Phenol-d6	6.398	99	682656	121.711	ng	0.00
23) Nitrobenzene-d5	7.304	82	517800	120.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	212636	175.625	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	839938	104.083	ng	0.00
79) Terphenyl-d14	12.868	244	1210501	111.152	ng	-0.01

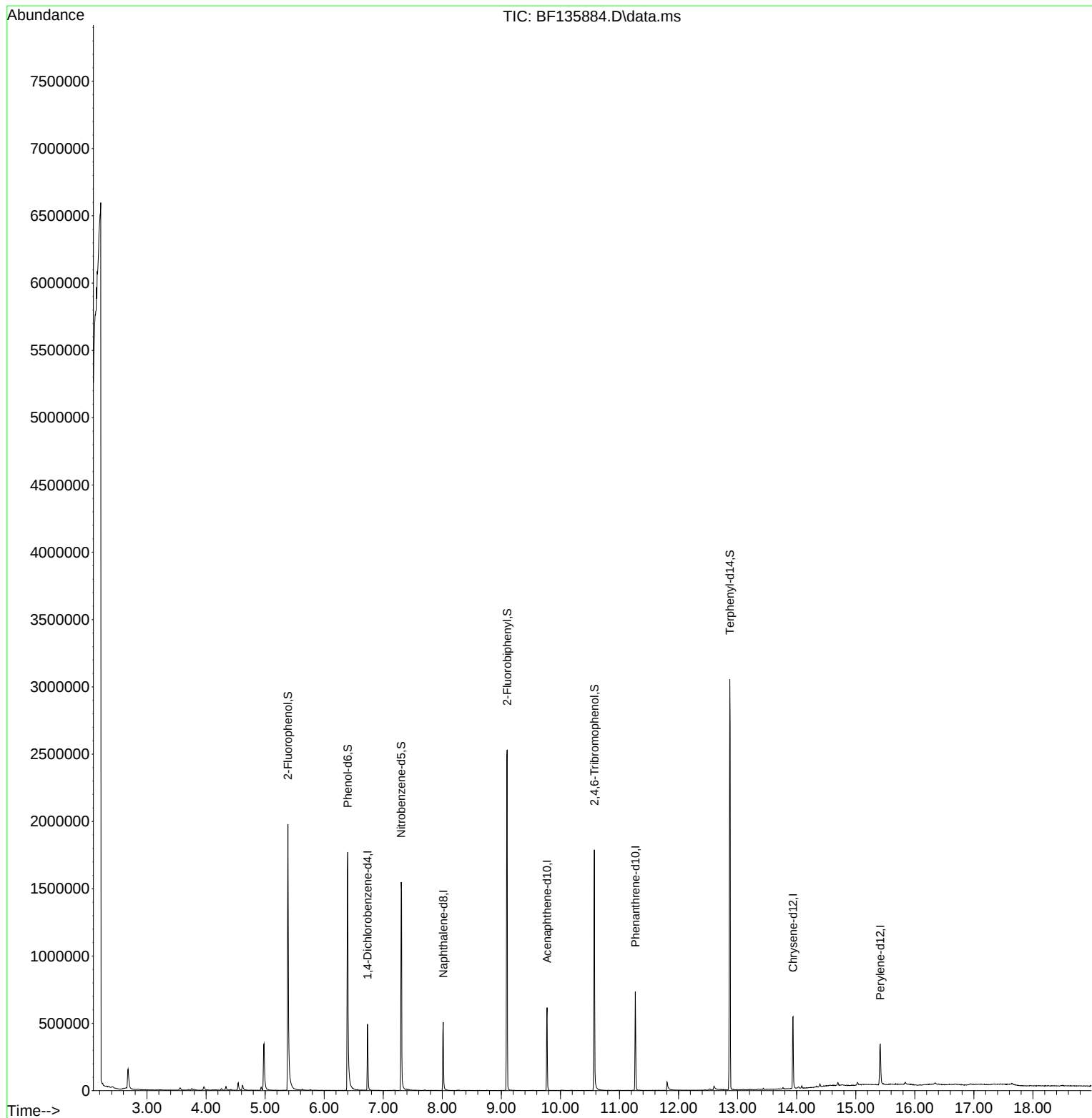
Target Compounds	Qvalue

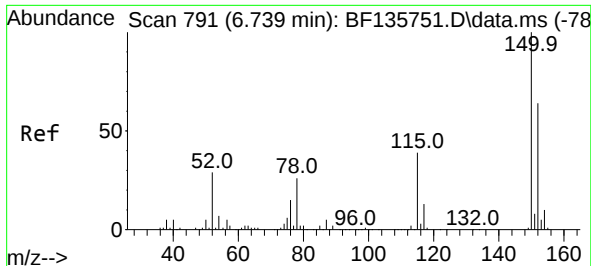
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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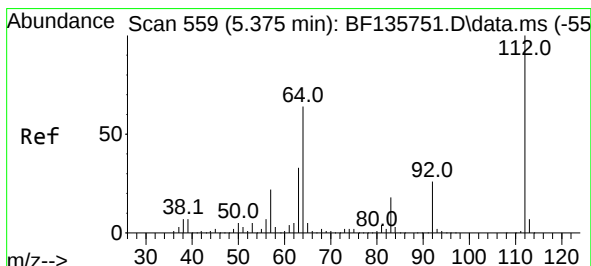
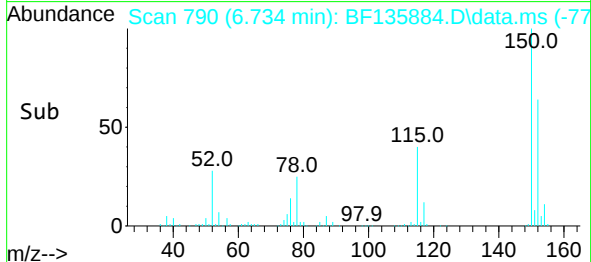
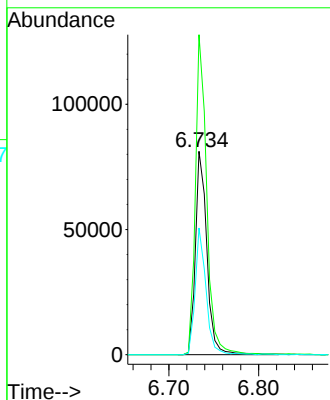
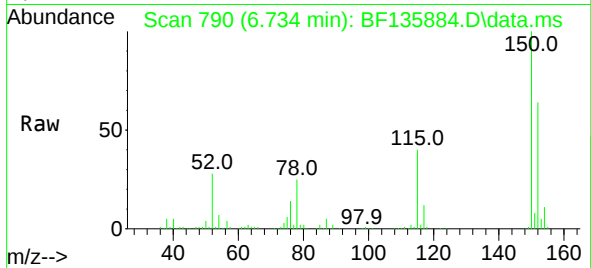




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

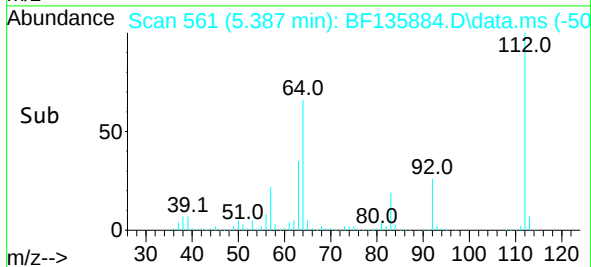
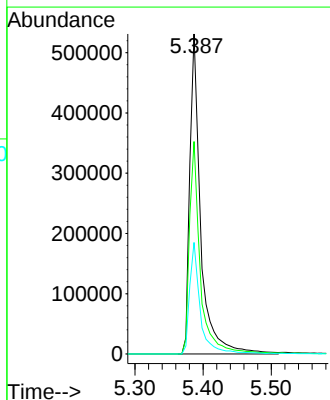
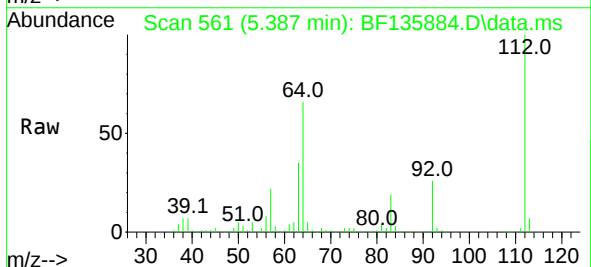
Instrument :
BNA_F
ClientSampleId :
TP-3

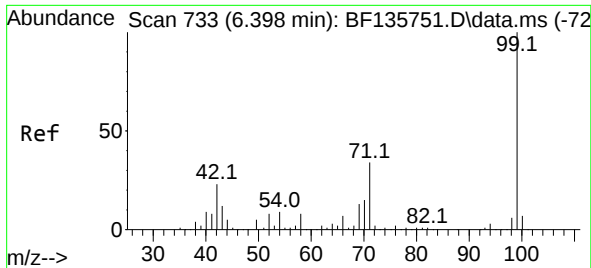
Tgt Ion:152 Resp: 72272
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 62.4 49.0 73.4



#5
2-Fluorophenol
Concen: 130.725 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

Tgt Ion:112 Resp: 587640
Ion Ratio Lower Upper
112 100
64 66.4 51.2 76.8
63 34.9 26.1 39.1

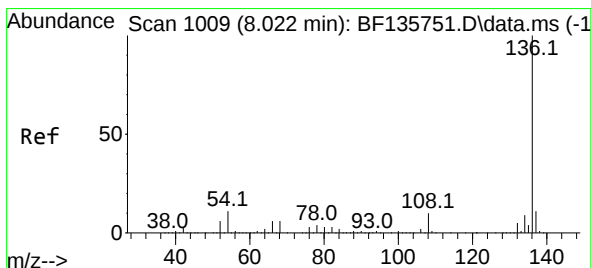
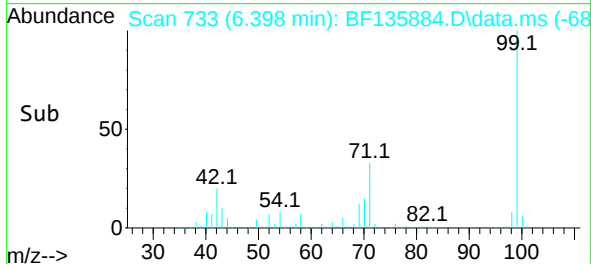
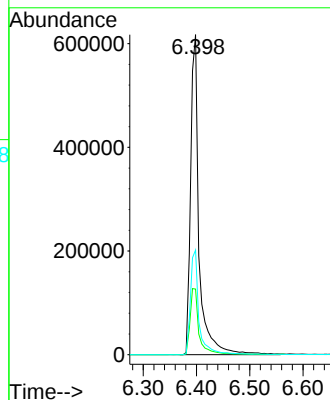
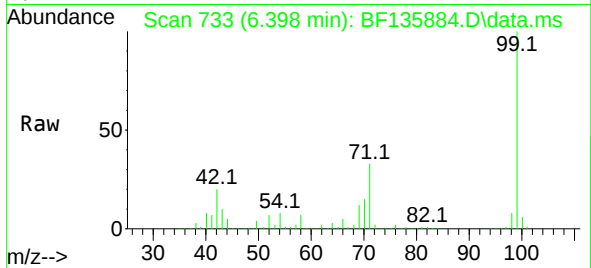




#7
Phenol-d6
Concen: 121.711 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

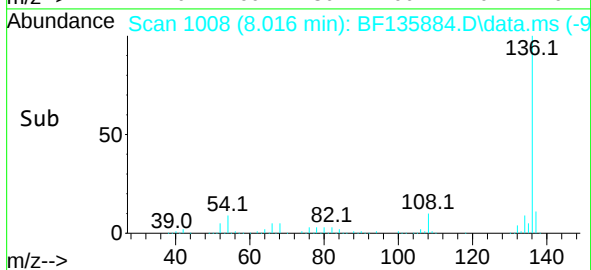
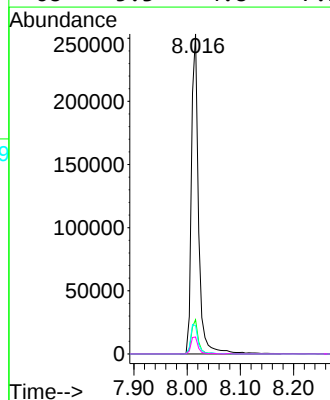
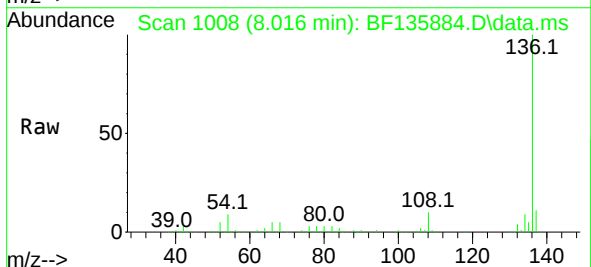
Instrument :
BNA_F
ClientSampleId :
TP-3

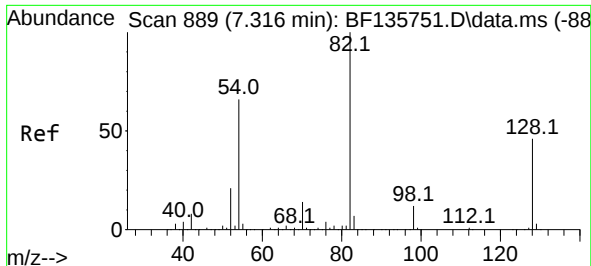
Tgt Ion: 99 Resp: 682656
Ion Ratio Lower Upper
99 100
42 20.5 18.4 27.6
71 32.7 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

Tgt Ion: 136 Resp: 235973
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.8 8.5 12.7
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 120.686 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

Instrument :

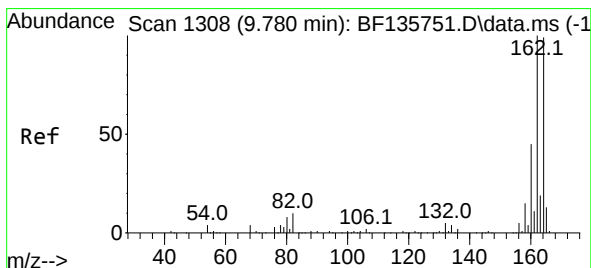
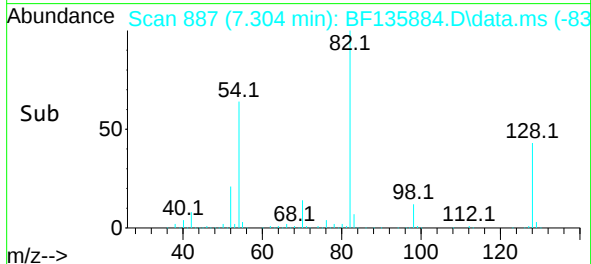
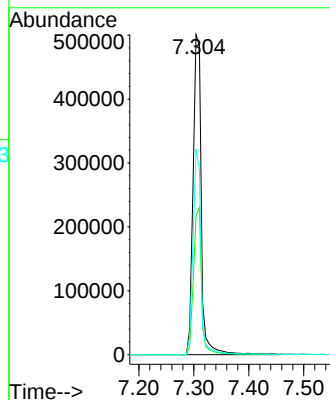
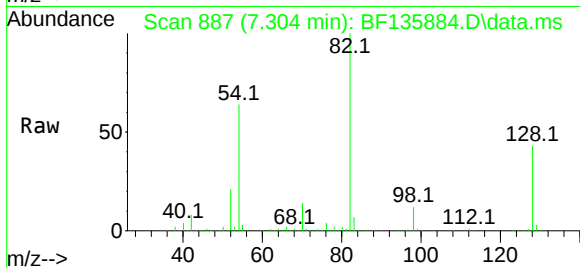
BNA_F

ClientSampleId :

TP-3

Tgt Ion: 82 Resp: 517800

Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.0	55.6
54	64.3	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

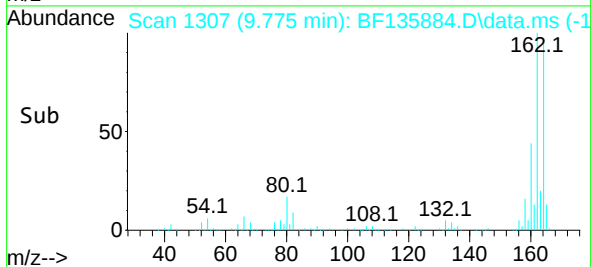
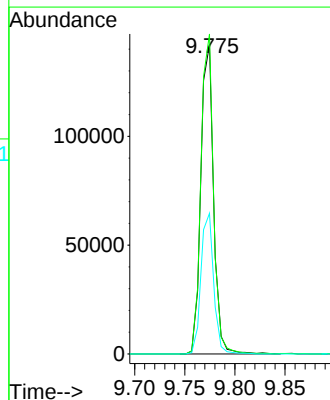
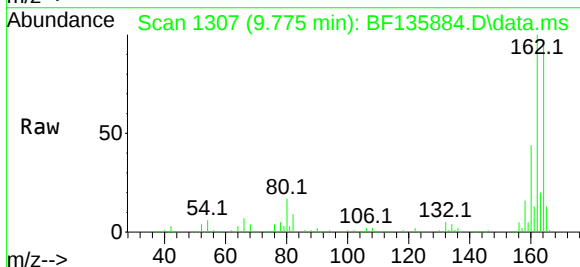
Delta R.T. -0.012 min

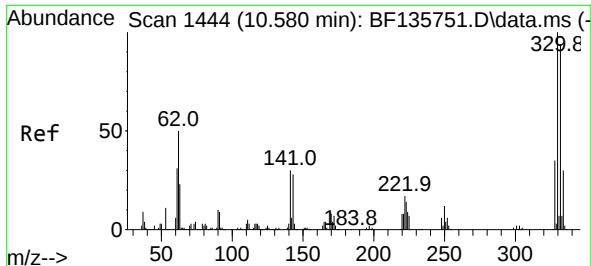
Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

Tgt Ion:164 Resp: 126174

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.8	121.2
160	45.5	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 175.625 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

Instrument :

BNA_F

ClientSampleId :

TP-3

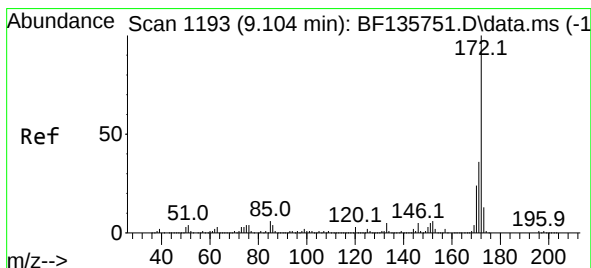
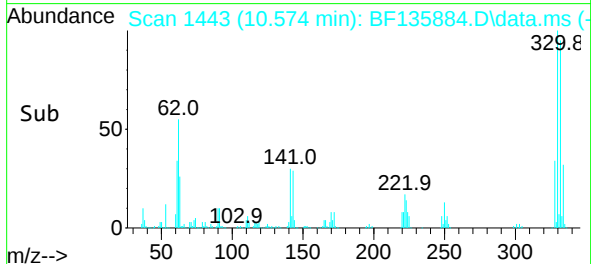
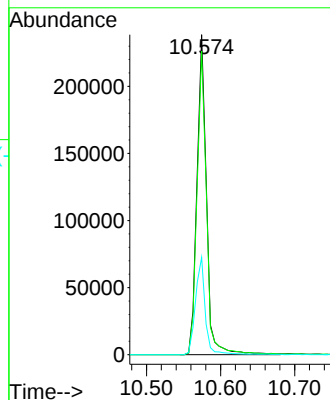
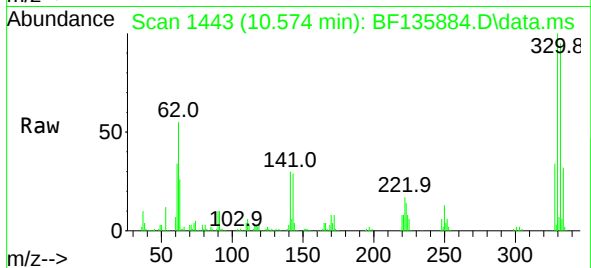
Tgt Ion:330 Resp: 212636

Ion Ratio Lower Upper

330 100

332 94.6 75.0 112.4

141 31.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 104.083 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135884.D

Acq: 19 Oct 2023 14:02

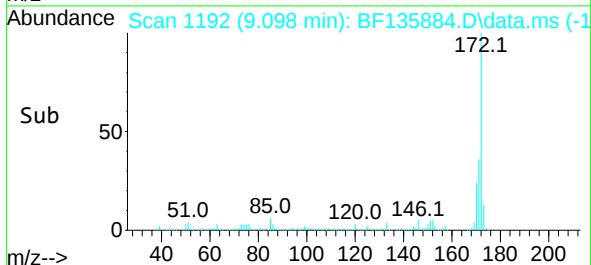
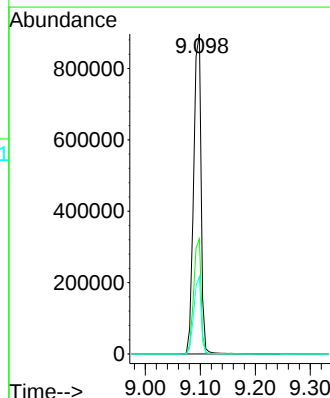
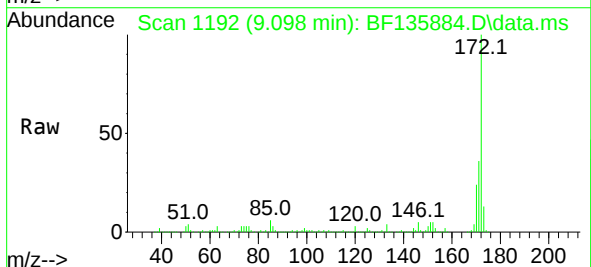
Tgt Ion:172 Resp: 839938

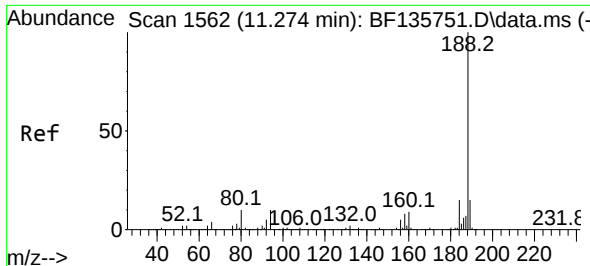
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.2 18.8 28.2

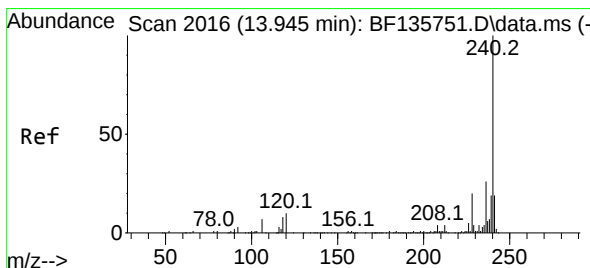
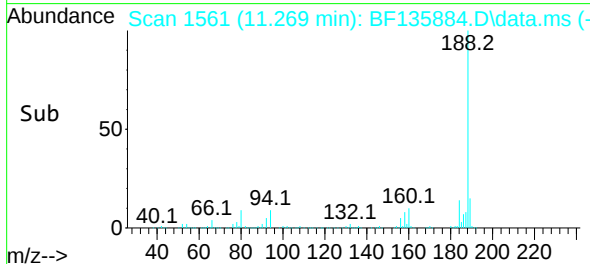
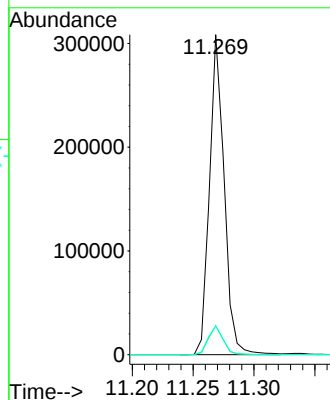
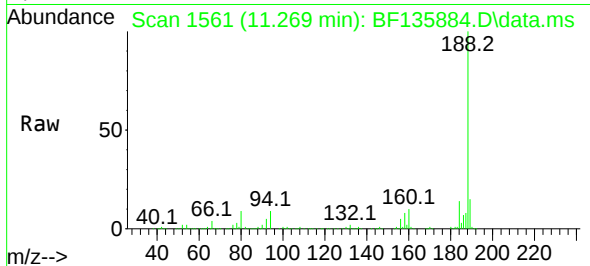




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

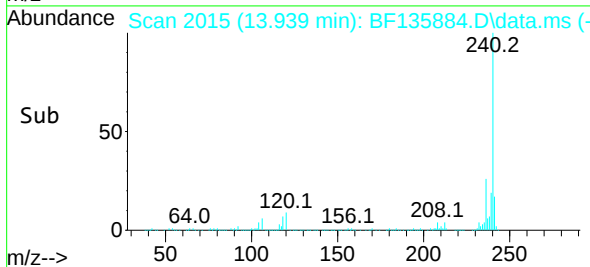
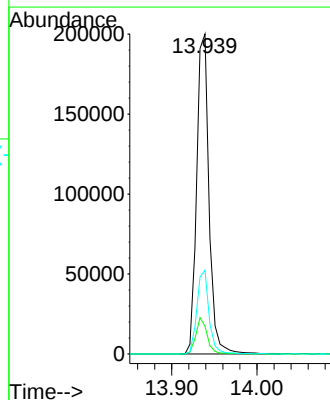
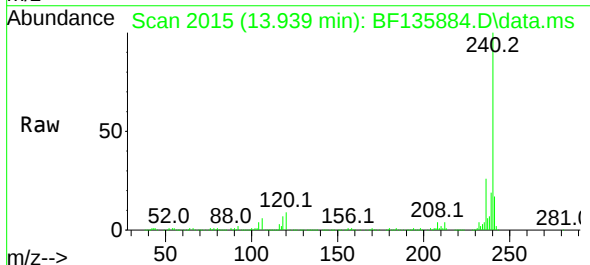
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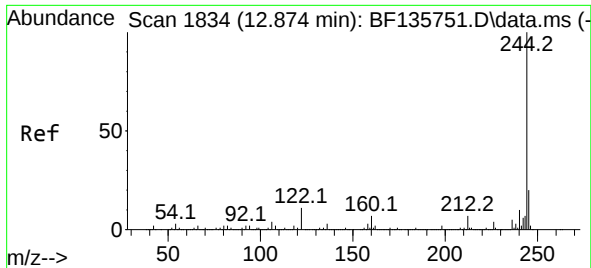
Tgt Ion:188 Resp: 258342
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.1 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135884.D
Acq: 19 Oct 2023 14:02

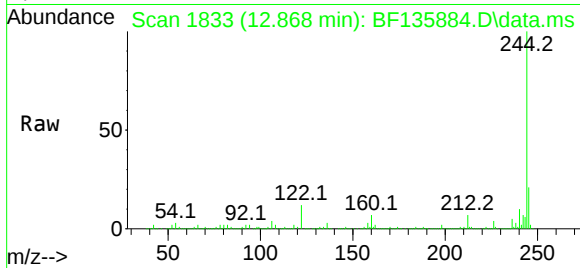
Tgt Ion:240 Resp: 201682
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 26.2 21.2 31.8



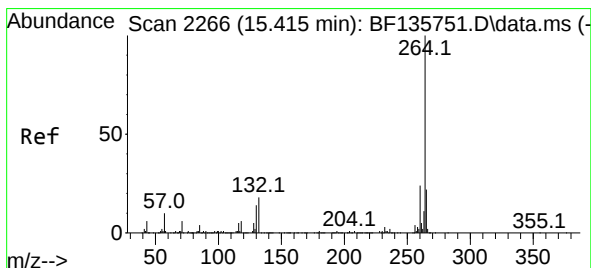
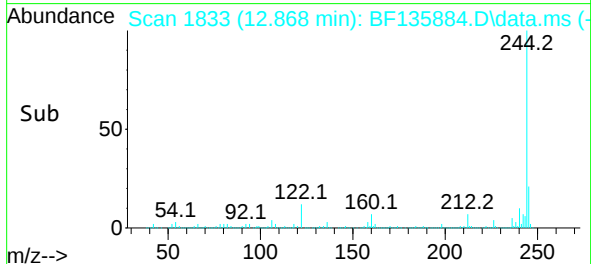
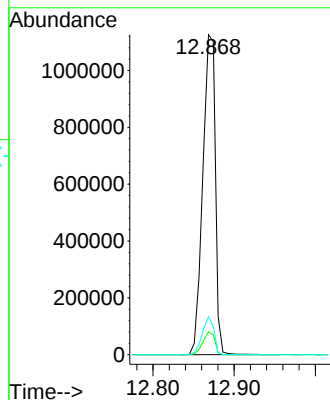


#79
 Terphenyl-d14
 Concen: 111.152 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135884.D
 Acq: 19 Oct 2023 14:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:244 Resp: 1210501
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.8 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: BF135884.D
 Acq: 19 Oct 2023 14:02

Tgt Ion:264 Resp: 158130
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 19.2 17.4 26.2

