

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139184.D
Acq On : 27 Aug 2024 13:47
Operator : RC/JU
Sample : P3717-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Aug 27 14:15:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	79600	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	291308	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	161800	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	248592	20.000	ng	0.00
76) Chrysene-d12	14.045	240	170529	20.000	ng	0.00
86) Perylene-d12	15.521	264	151608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	303280	64.022	ng	0.00
7) Phenol-d6	6.510	99	399238	61.410	ng	-0.01
23) Nitrobenzene-d5	7.446	82	252420	48.005	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	87012	62.791	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	457857	43.956	ng	0.00
79) Terphenyl-d14	12.992	244	386787	35.391	ng	0.00

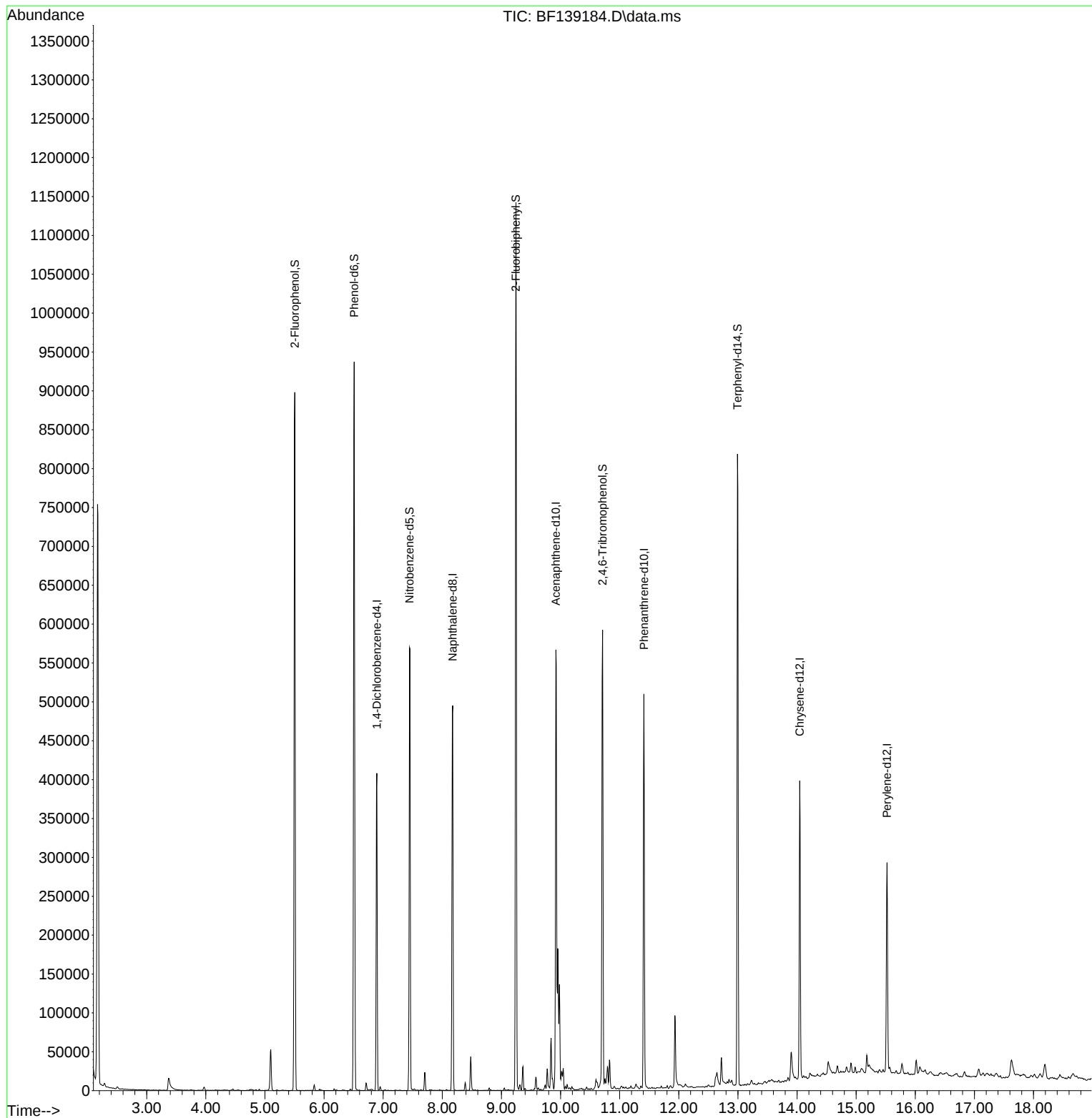
Target Compounds	Qvalue

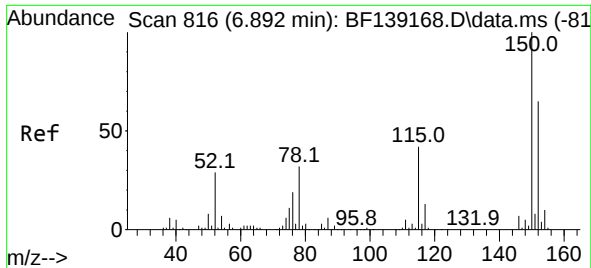
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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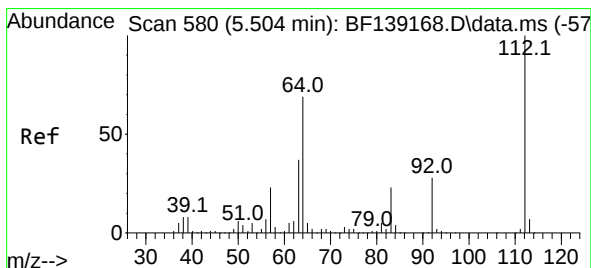
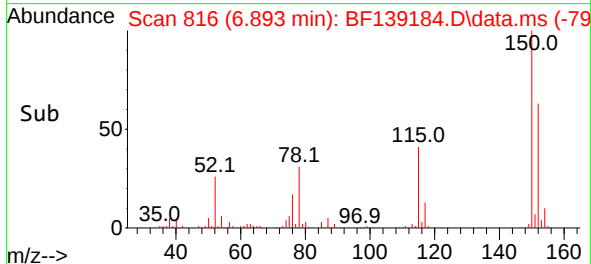
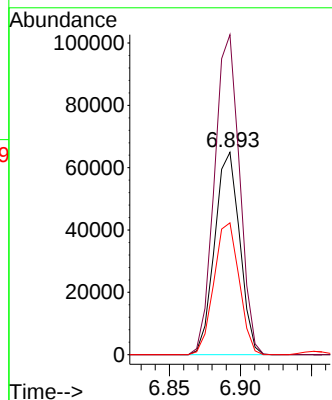
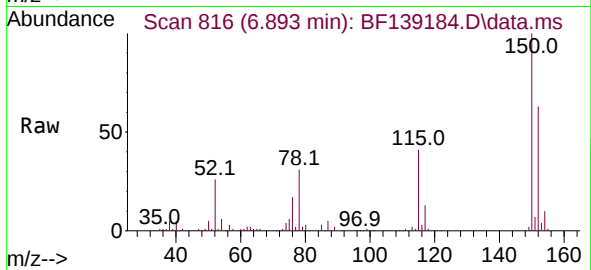




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139184.D
Acq: 27 Aug 2024 13:47

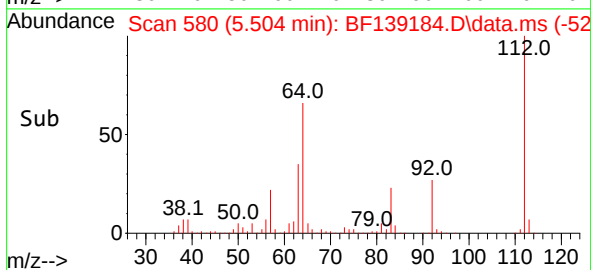
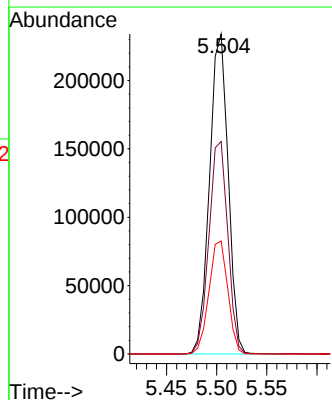
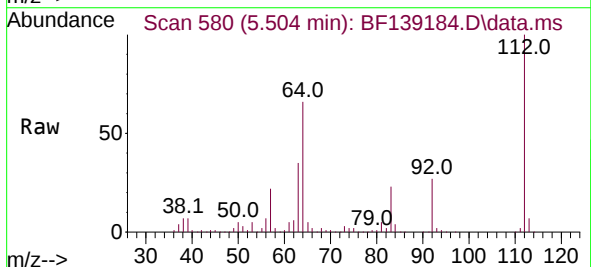
Instrument :
BNA_F
ClientSampleId :
TP-6

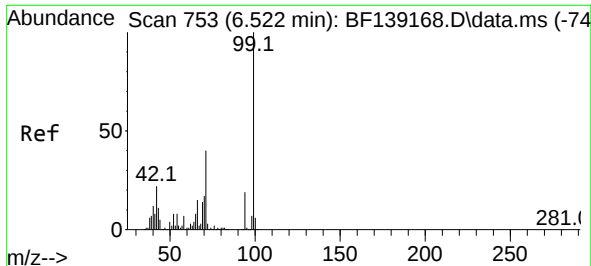
Tgt Ion:152 Resp: 79600
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 65.1 51.8 77.8



#5
2-Fluorophenol
Concen: 64.022 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139184.D
Acq: 27 Aug 2024 13:47

Tgt Ion:112 Resp: 303280
Ion Ratio Lower Upper
112 100
64 66.4 55.5 83.3
63 35.3 29.8 44.6

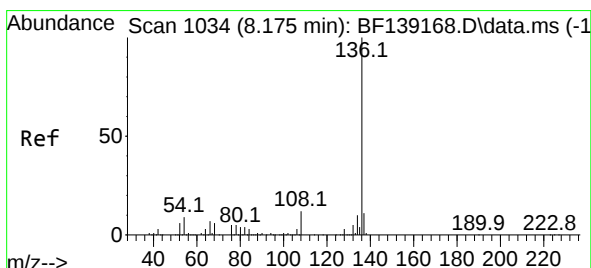
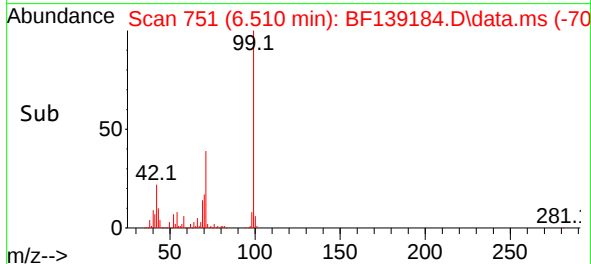
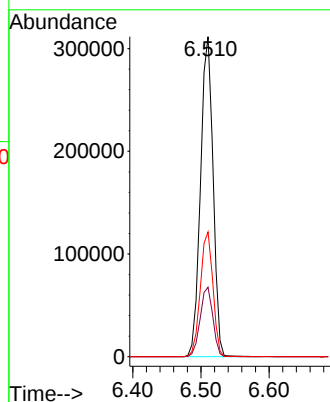
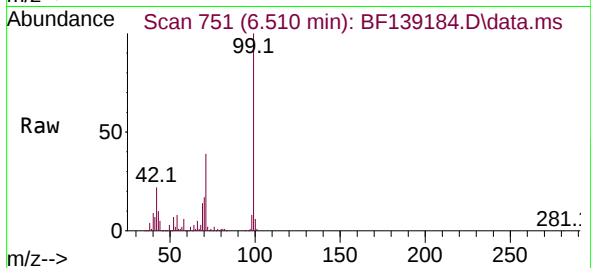




#7
Phenol-d6
Concen: 61.410 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139184.D
Acq: 27 Aug 2024 13:47

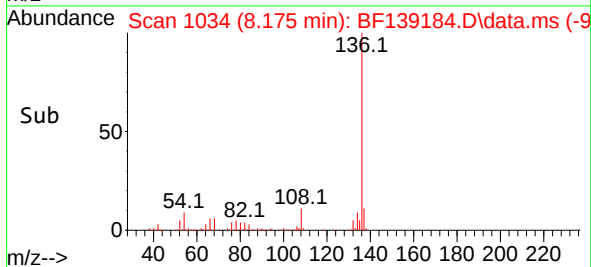
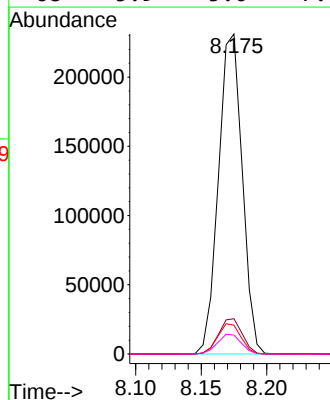
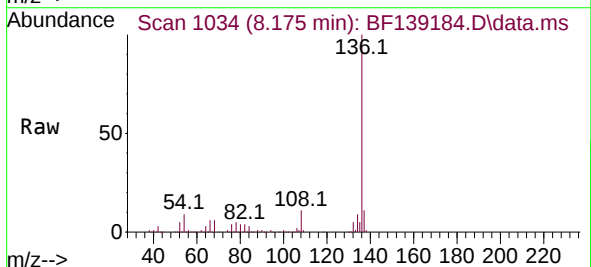
Instrument :
BNA_F
ClientSampleId :
TP-6

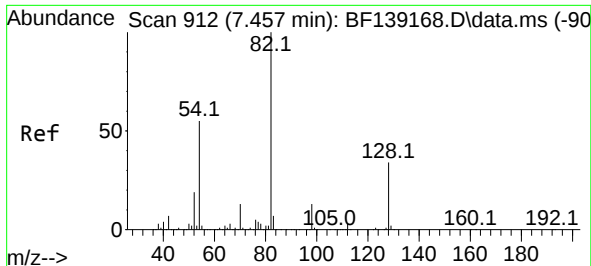
Tgt Ion: 99 Resp: 399238
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 39.0 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139184.D
Acq: 27 Aug 2024 13:47

Tgt Ion: 136 Resp: 291308
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.0 7.6 11.4
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 48.005 ng

RT: 7.446 min Scan# 912

Delta R.T. -0.011 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

Instrument :

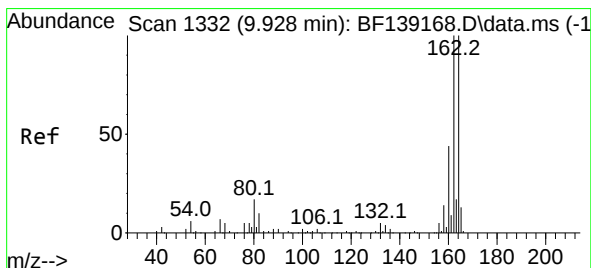
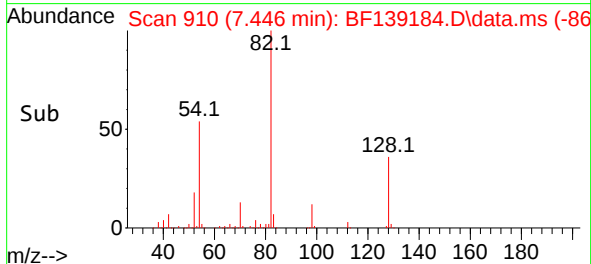
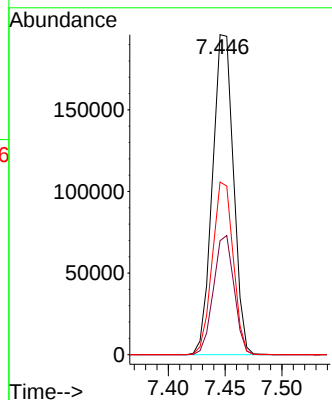
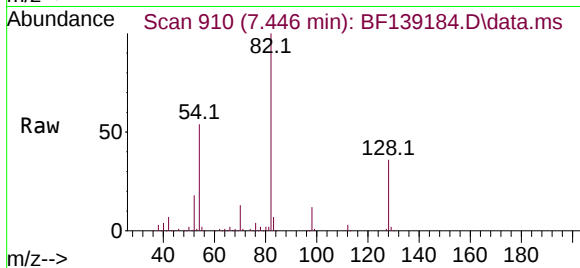
BNA_F

ClientSampleId :

TP-6

Tgt Ion: 82 Resp: 252420

Ion	Ratio	Lower	Upper
82	100		
128	35.6	27.1	40.7
54	54.0	44.2	66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

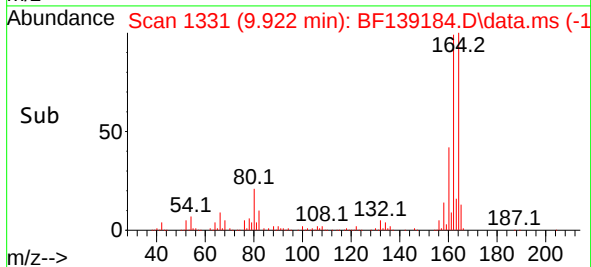
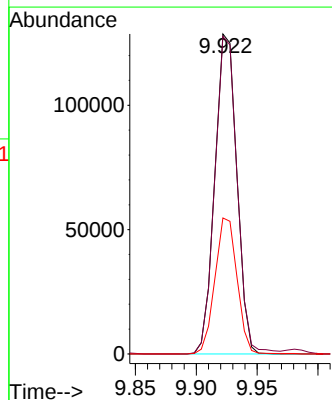
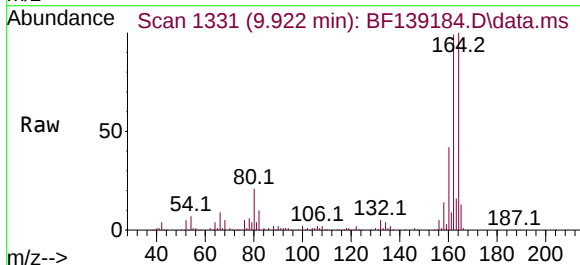
Delta R.T. -0.006 min

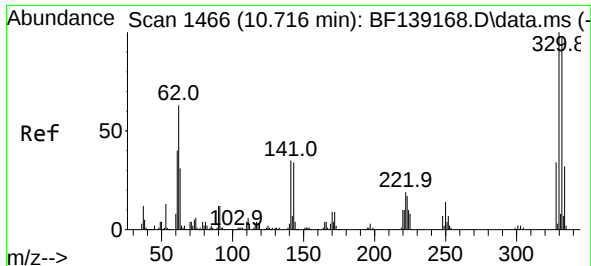
Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

Tgt Ion: 164 Resp: 161800

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.0	120.0
160	42.5	35.0	52.6





#42

2,4,6-Tribromophenol

Concen: 62.791 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

Instrument :

BNA_F

ClientSampleId :

TP-6

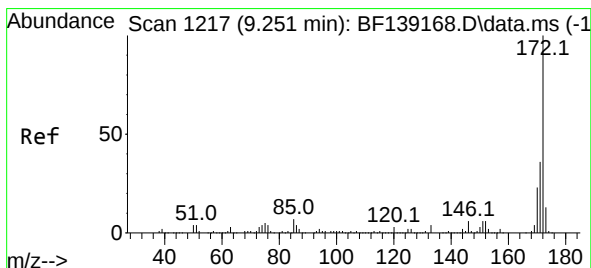
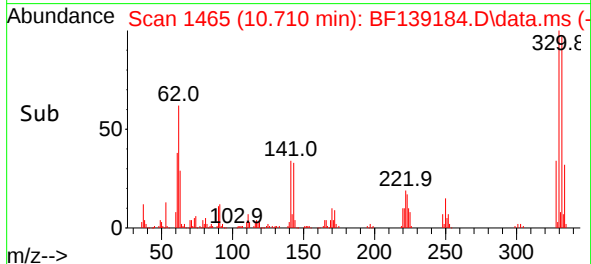
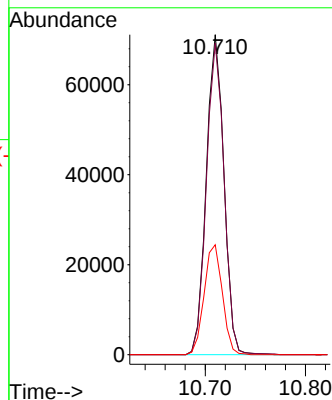
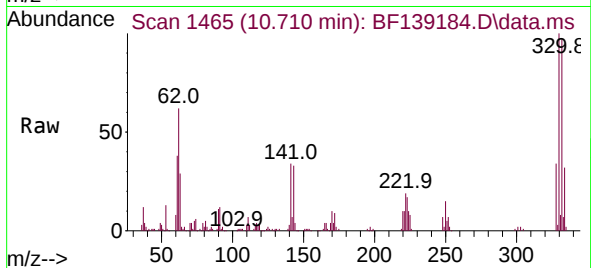
Tgt Ion:330 Resp: 87012

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 35.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 43.956 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139184.D

Acq: 27 Aug 2024 13:47

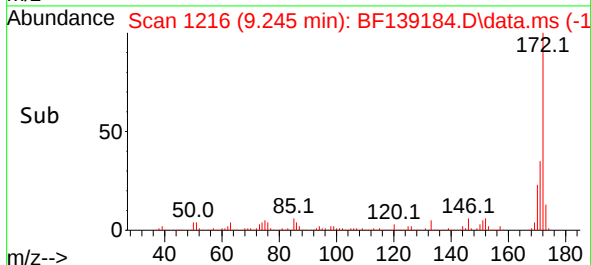
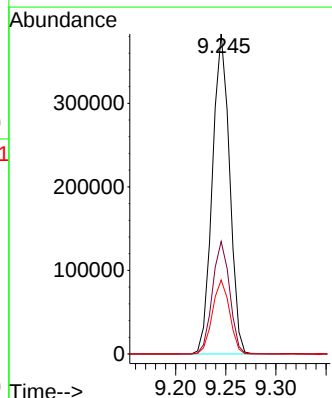
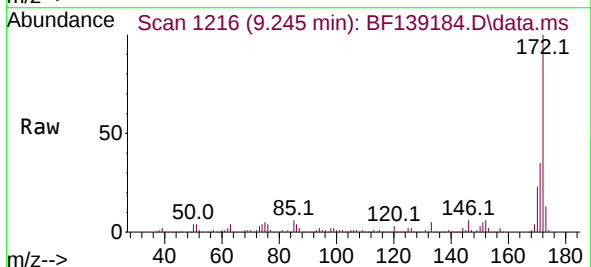
Tgt Ion:172 Resp: 457857

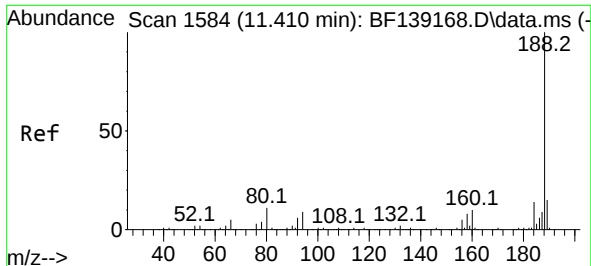
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.1 18.8 28.2

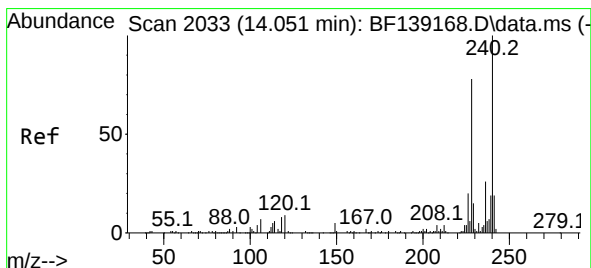
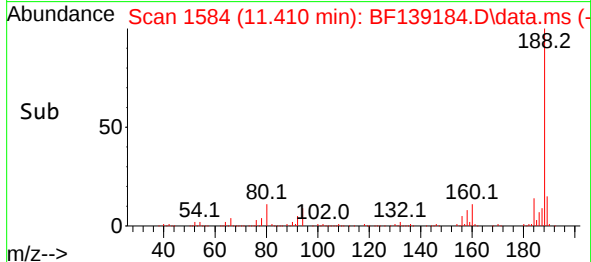
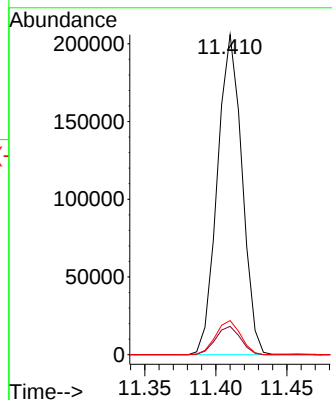
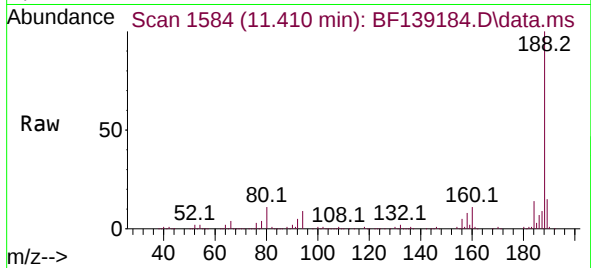




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139184.D
Acq: 27 Aug 2024 13:47

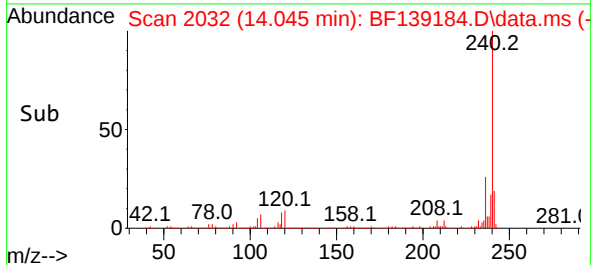
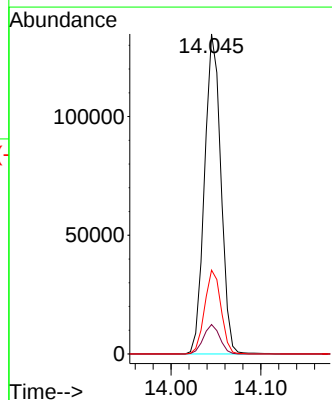
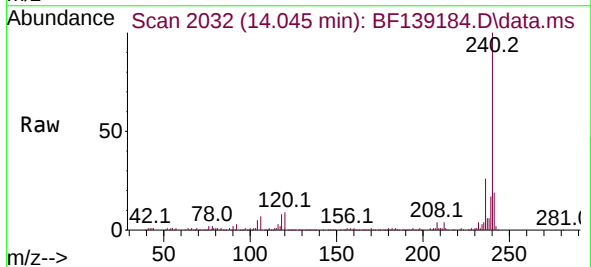
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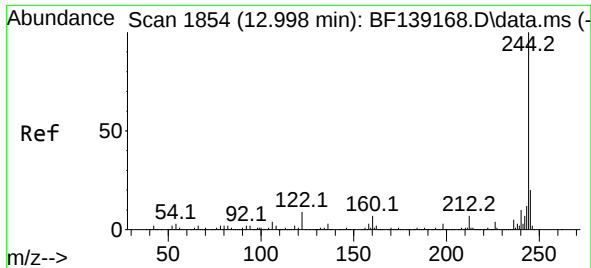
Tgt Ion:188 Resp: 248592
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139184.D
Acq: 27 Aug 2024 13:47

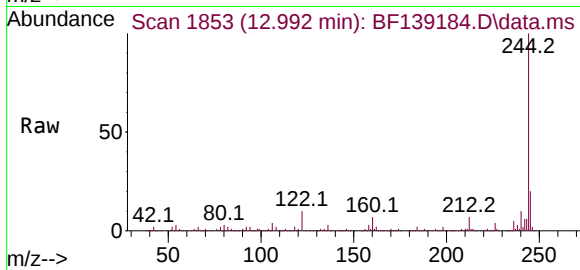
Tgt Ion:240 Resp: 170529
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 26.2 20.9 31.3



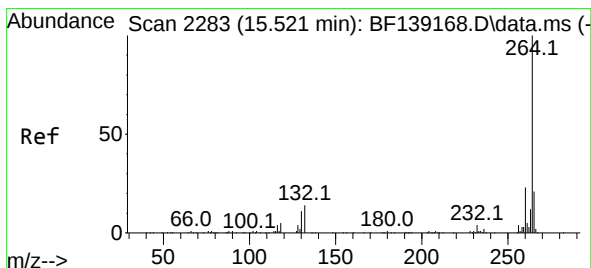
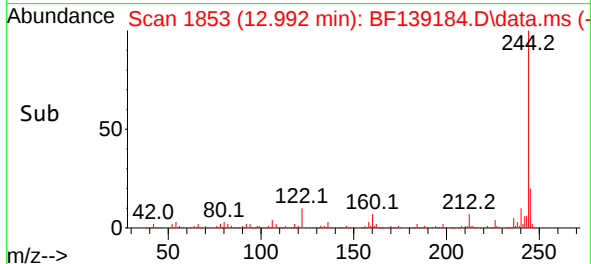
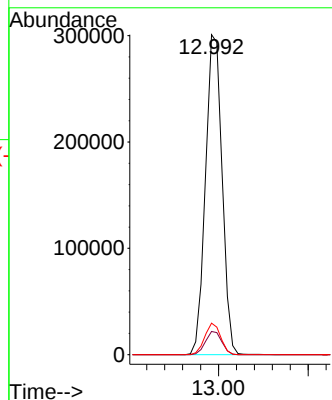


#79
Terphenyl-d14
Concen: 35.391 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139184.D
Acq: 27 Aug 2024 13:47

Instrument :
BNA_F
ClientSampleId :
TP-6



Tgt Ion:244 Resp: 386787
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.8 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF139184.D
Acq: 27 Aug 2024 13:47

Tgt Ion:264 Resp: 151608
Ion Ratio Lower Upper
264 100
260 23.2 18.3 27.5
265 20.9 17.0 25.6

