

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133637.D
 Acq On : 08 Jun 2023 12:27
 Operator : CG\JU
 Sample : 03016-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB29

Quant Time: Jun 08 13:05:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:43:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	138735	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	532639	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	265949	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	496232	20.000	ng	0.00
76) Chrysene-d12	14.004	240	282385	20.000	ng	-0.01
86) Perylene-d12	15.468	264	294061	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	679730	81.746	ng	0.00
7) Phenol-d6	6.463	99	835854	81.658	ng	0.00
23) Nitrobenzene-d5	7.398	82	542657	68.024	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	252896	95.396	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	995976	57.802	ng	0.00
79) Terphenyl-d14	12.951	244	965832	60.812	ng	0.00

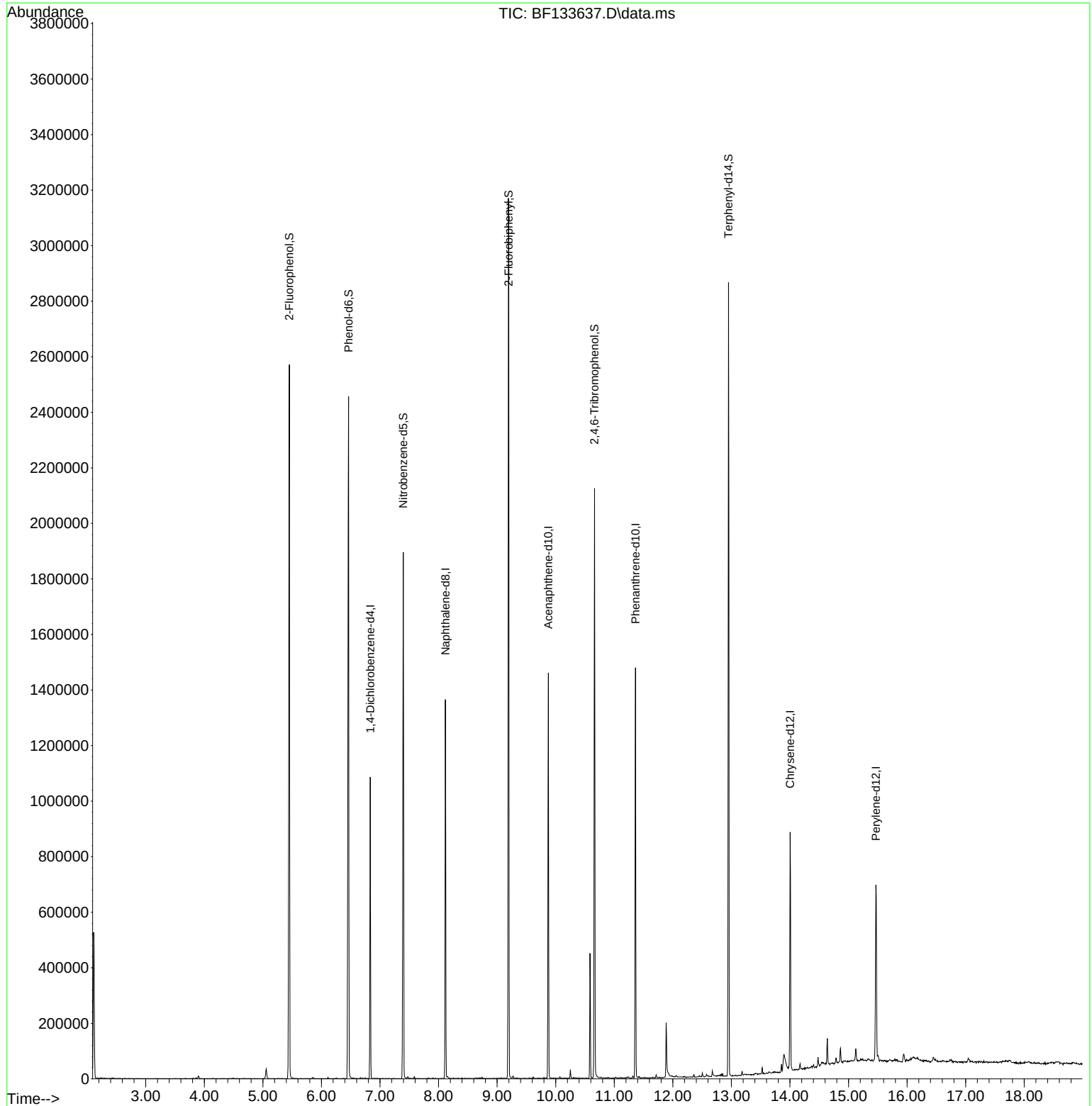
Target Compounds	Qvalue

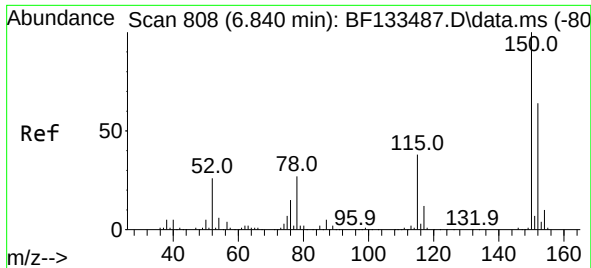
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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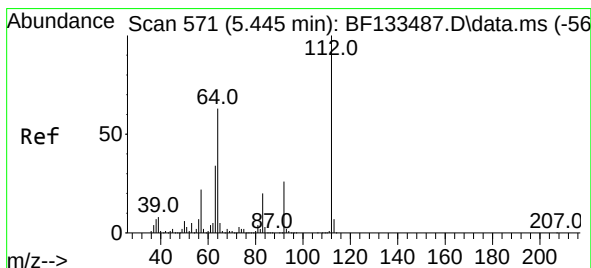
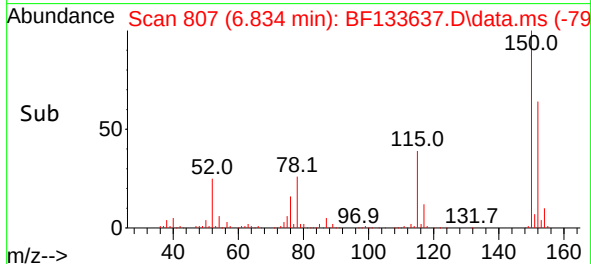
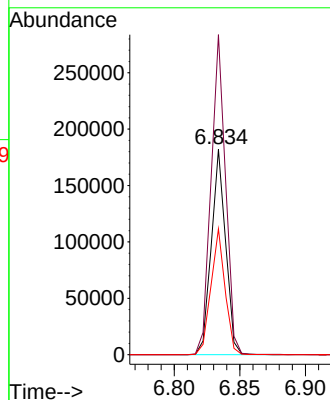
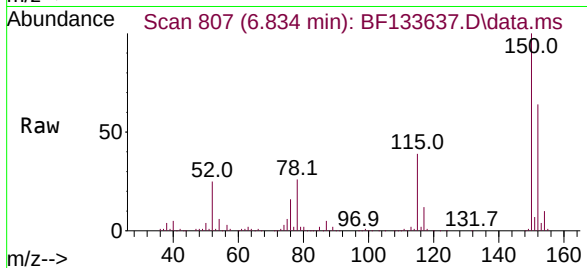




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF133637.D
Acq: 08 Jun 2023 12:27

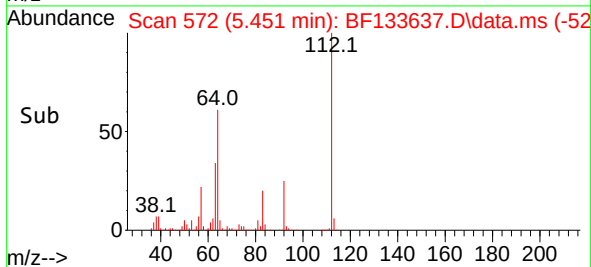
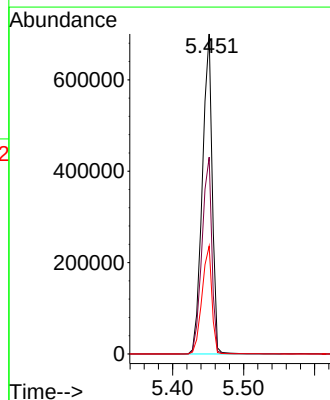
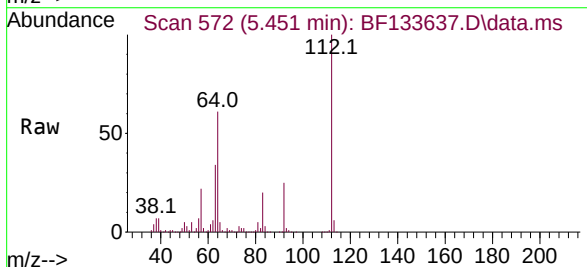
Instrument :
BNA_F
ClientSampleId :
SB29

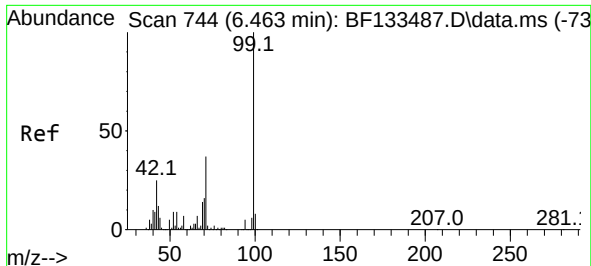
Tgt Ion:152 Resp: 138735
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 61.2 48.1 72.1



#5
2-Fluorophenol
Concen: 81.746 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133637.D
Acq: 08 Jun 2023 12:27

Tgt Ion:112 Resp: 679730
Ion Ratio Lower Upper
112 100
64 61.5 50.1 75.1
63 33.7 27.5 41.3





#7

Phenol-d6

Concen: 81.658 ng

RT: 6.463 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF133637.D

Acq: 08 Jun 2023 12:27

Instrument :

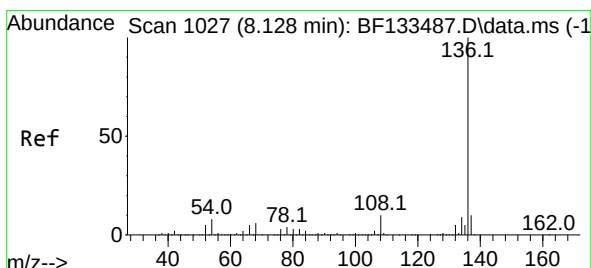
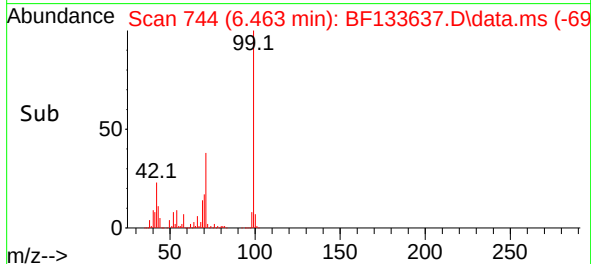
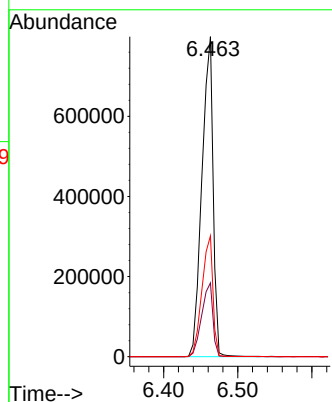
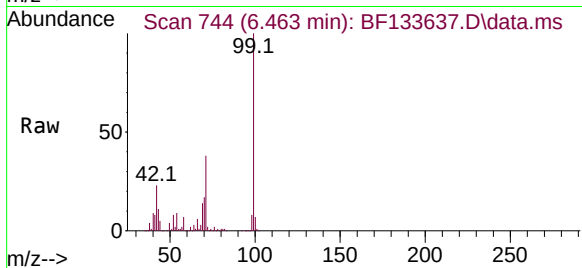
BNA_F

ClientSampleId :

SB29

Tgt Ion: 99 Resp: 835854

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.7	29.5
71	37.7	29.8	44.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

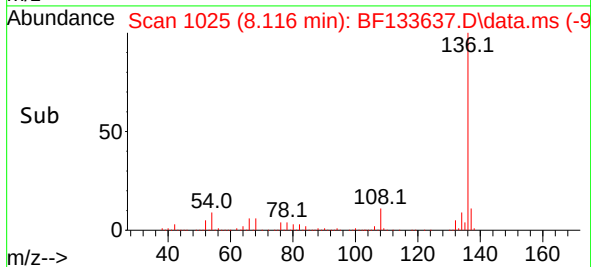
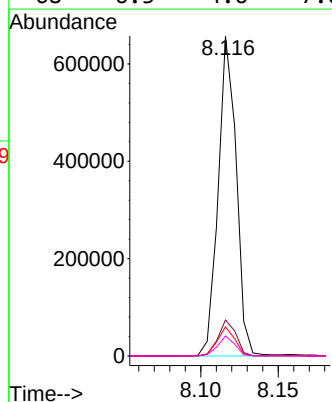
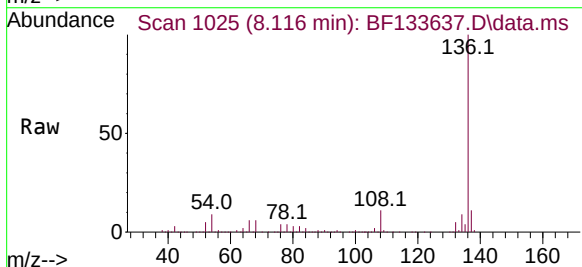
Delta R.T. -0.006 min

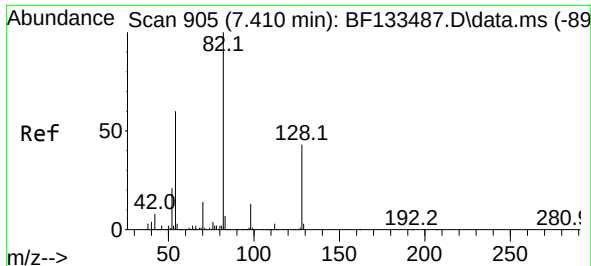
Lab File: BF133637.D

Acq: 08 Jun 2023 12:27

Tgt Ion: 136 Resp: 532639

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	9.1	6.6	10.0
68	6.3	4.6	7.0





#23

Nitrobenzene-d5

Concen: 68.024 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133637.D

Acq: 08 Jun 2023 12:27

Instrument :

BNA_F

ClientSampleId :

SB29

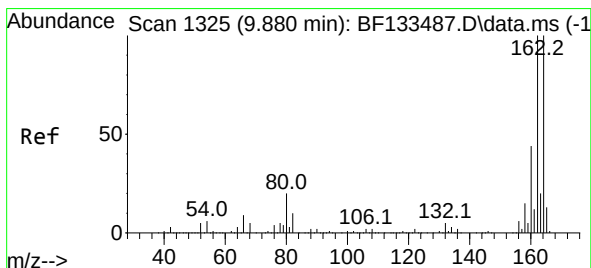
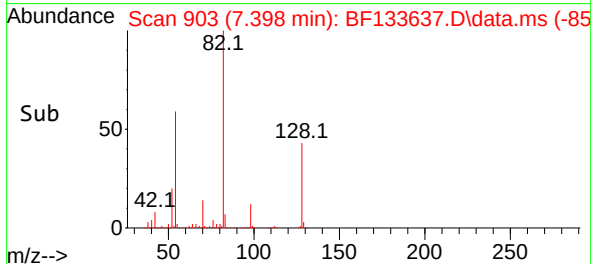
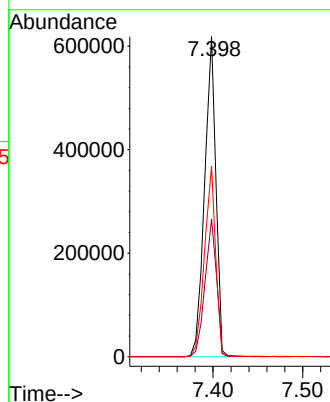
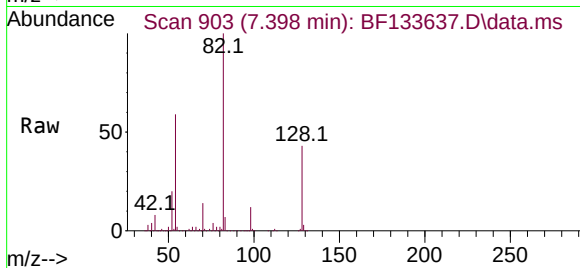
Tgt Ion: 82 Resp: 542657

Ion Ratio Lower Upper

82 100

128 43.1 34.2 51.4

54 59.4 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133637.D

Acq: 08 Jun 2023 12:27

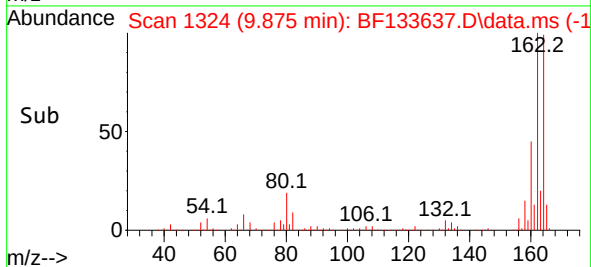
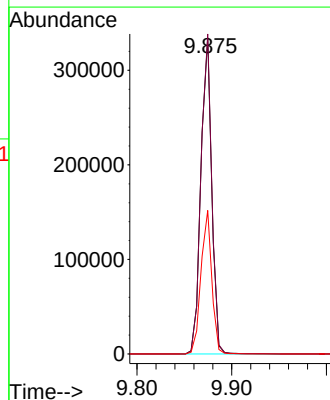
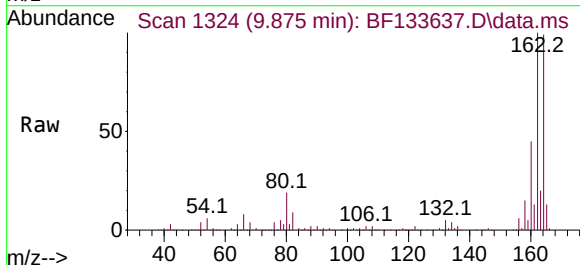
Tgt Ion: 164 Resp: 265949

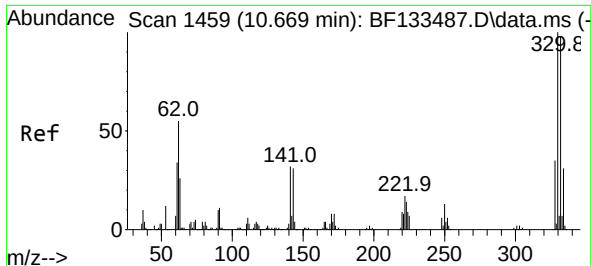
Ion Ratio Lower Upper

164 100

162 101.1 79.7 119.5

160 45.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 95.396 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133637.D

Acq: 08 Jun 2023 12:27

Instrument :

BNA_F

ClientSampleId :

SB29

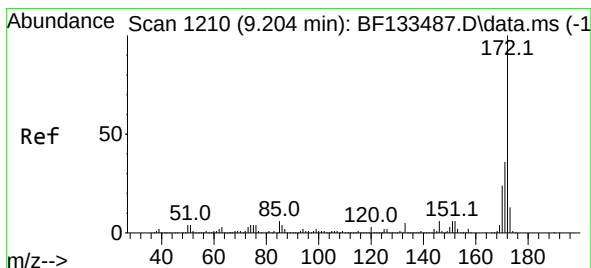
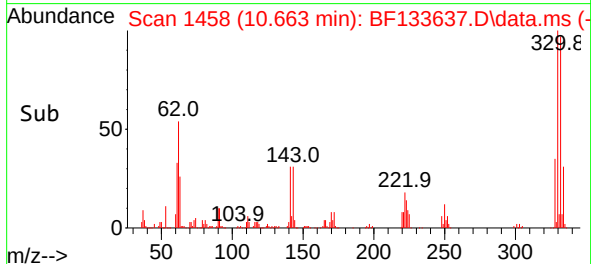
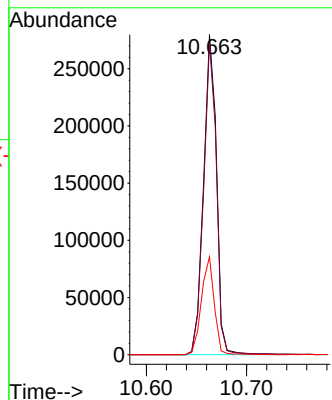
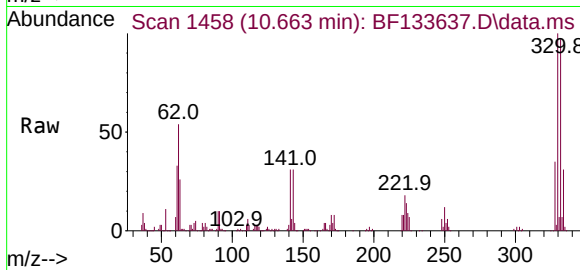
Tgt Ion:330 Resp: 252896

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 30.2 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 57.802 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133637.D

Acq: 08 Jun 2023 12:27

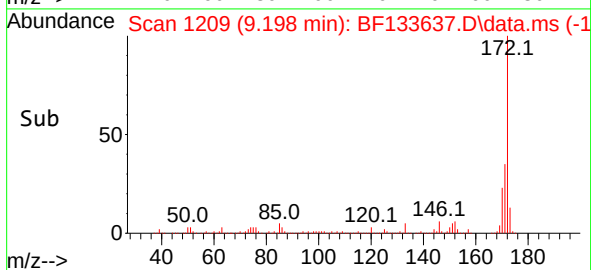
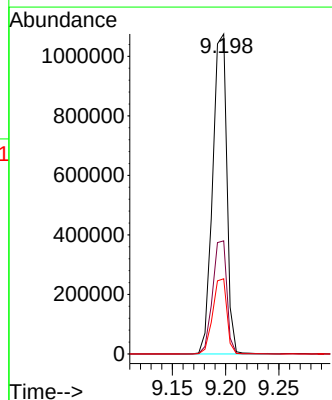
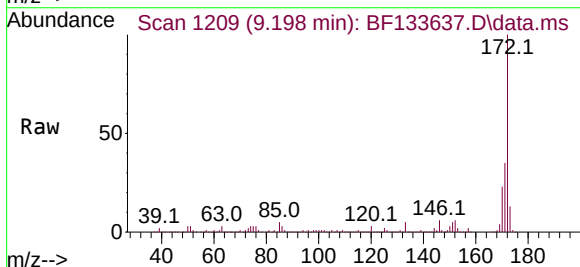
Tgt Ion:172 Resp: 995976

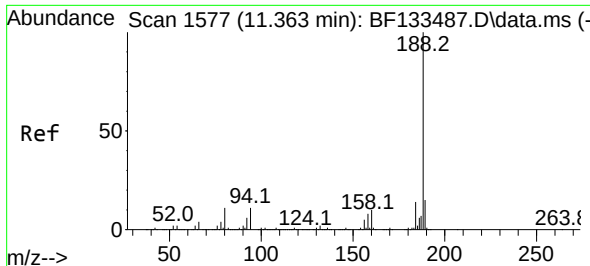
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 19.3 28.9

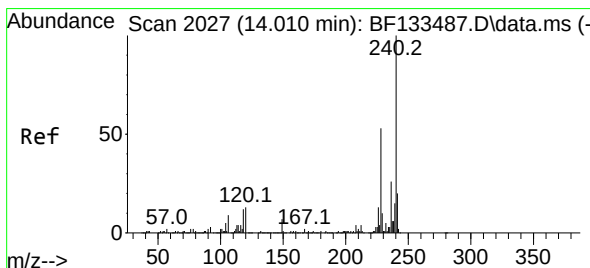
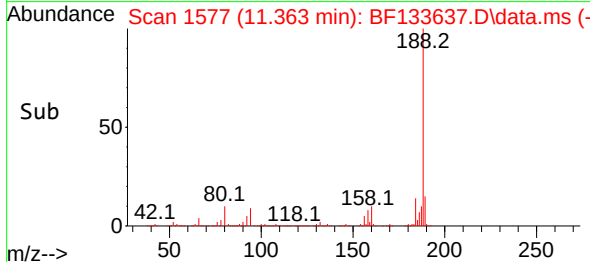
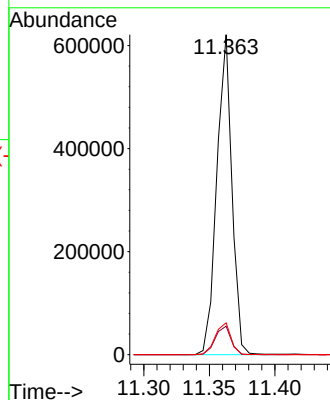
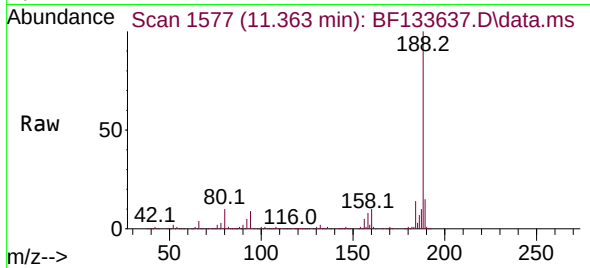




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133637.D
Acq: 08 Jun 2023 12:27

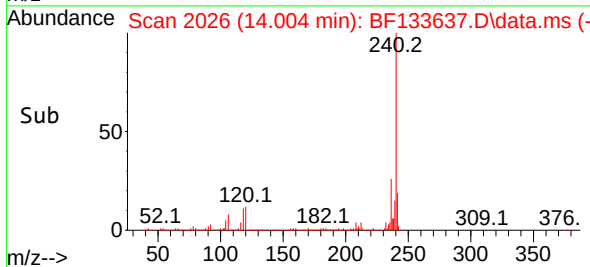
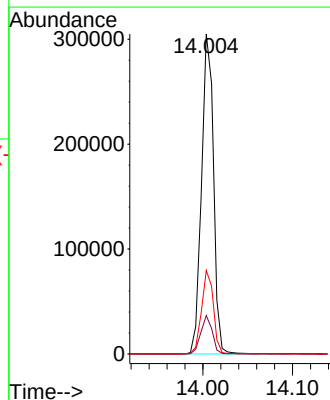
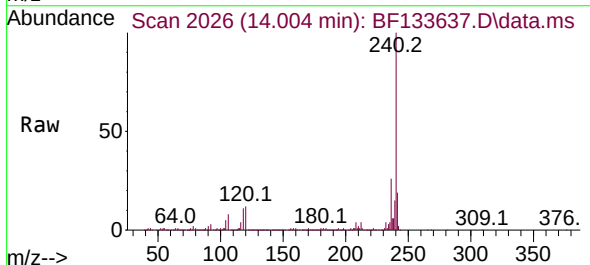
Instrument :
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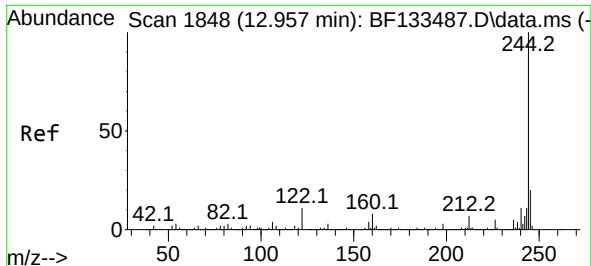
Tgt Ion:188 Resp: 496232
Ion Ratio Lower Upper
188 100
94 8.9 8.6 12.8
80 9.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF133637.D
Acq: 08 Jun 2023 12:27

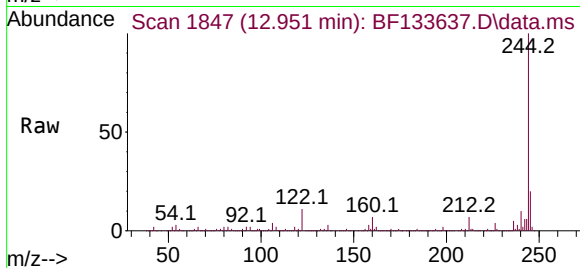
Tgt Ion:240 Resp: 282385
Ion Ratio Lower Upper
240 100
120 12.0 10.3 15.5
236 26.1 20.5 30.7



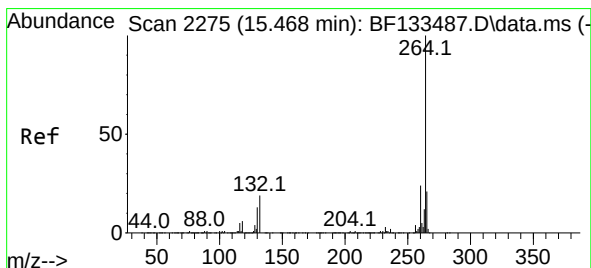
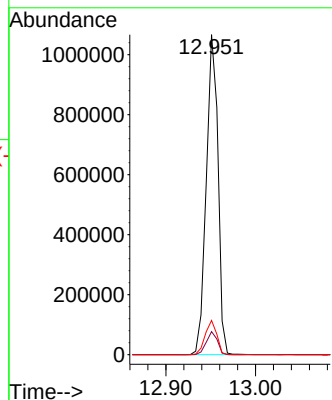
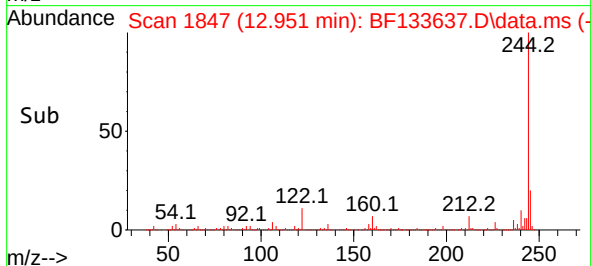


#79
 Terphenyl-d14
 Concen: 60.812 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133637.D
 Acq: 08 Jun 2023 12:27

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 965832
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF133637.D
 Acq: 08 Jun 2023 12:27

Tgt Ion:264 Resp: 294061
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 21.3 16.8 25.2

