

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133545.D
 Acq On : 31 May 2023 18:21
 Operator : CG\JU
 Sample : 02957-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-0A

Quant Time: Jun 01 02:03:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	134004	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	534642	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	268901	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	534784	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	393021	20.000	ng	-0.01
86) Perylene-d12	15.451	264	304028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1051865	130.966	ng	0.02
7) Phenol-d6	6.457	99	1208016	122.183	ng	0.00
23) Nitrobenzene-d5	7.398	82	904740	112.988	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	430239	160.510	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1557686	89.408	ng	0.00
79) Terphenyl-d14	12.951	244	1936086	87.586	ng	0.00

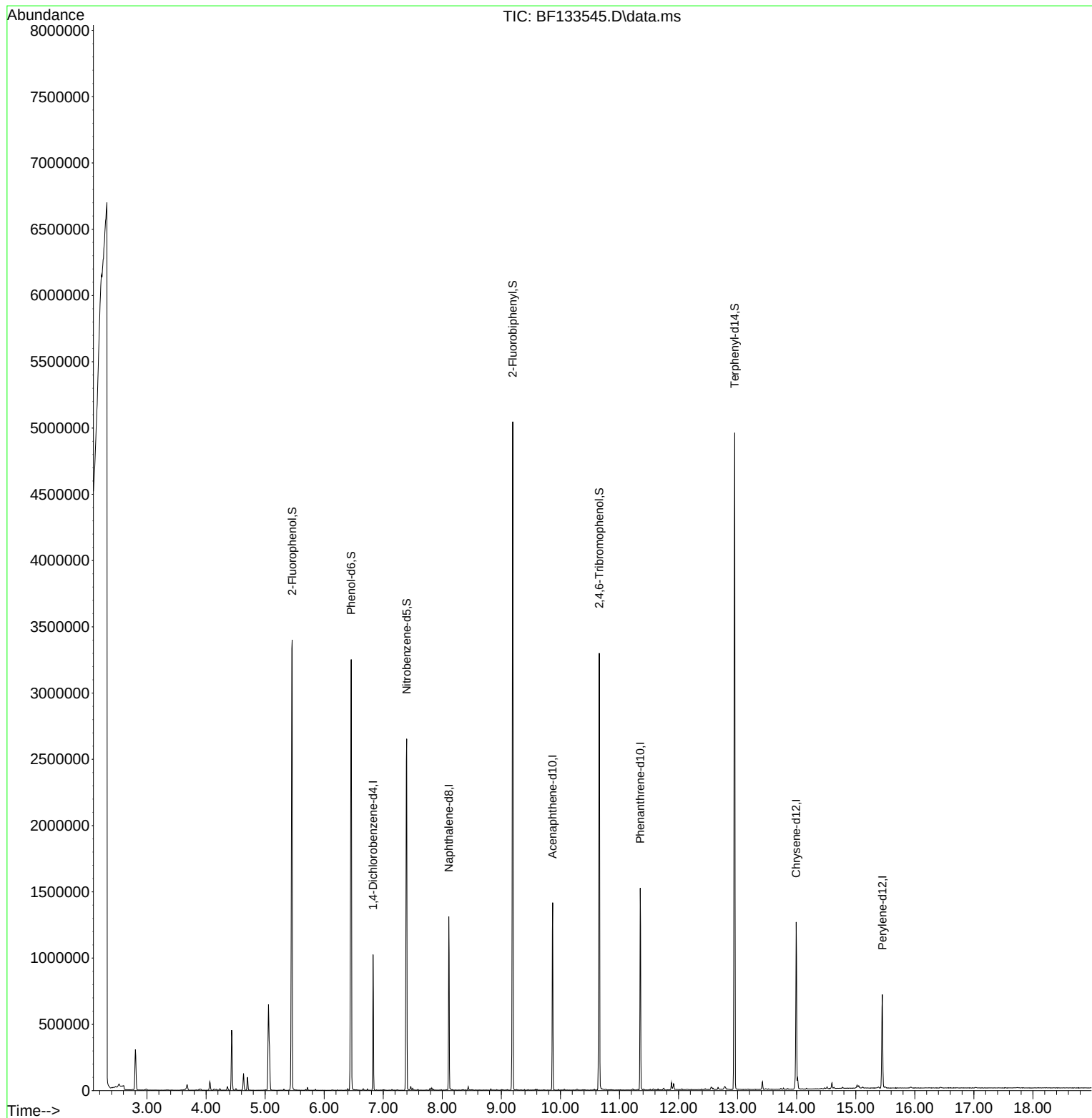
Target Compounds	Qvalue

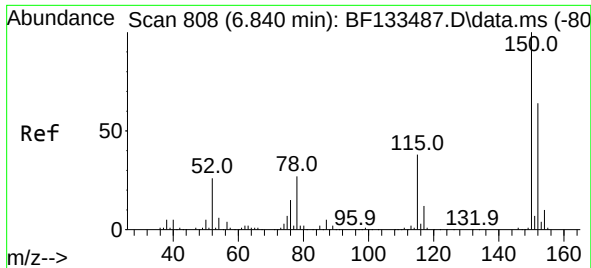
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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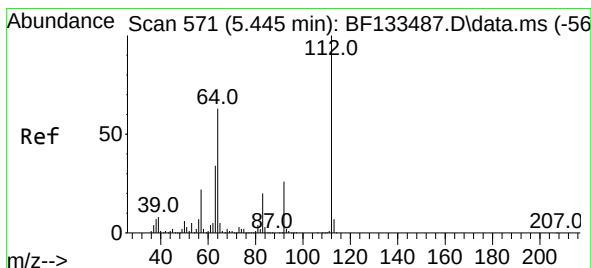
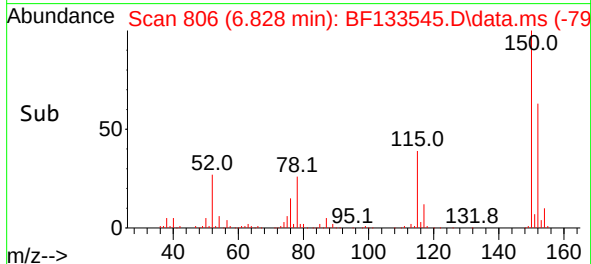
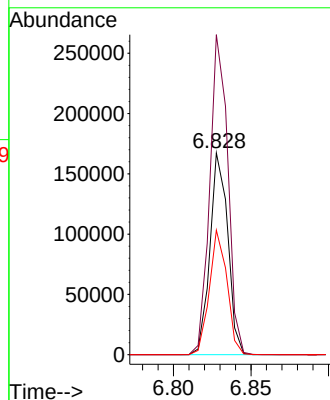
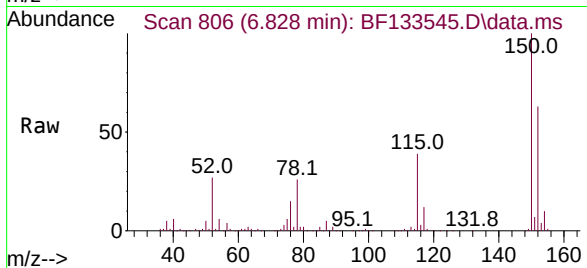




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

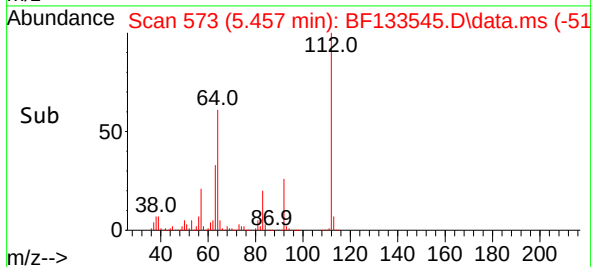
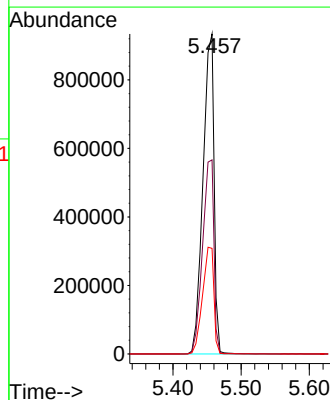
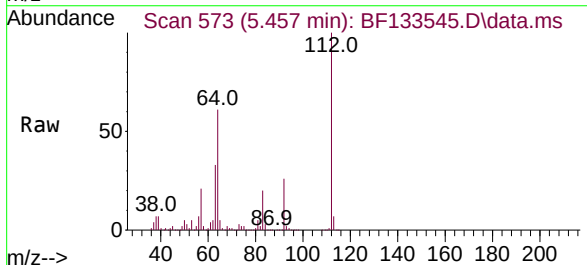
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

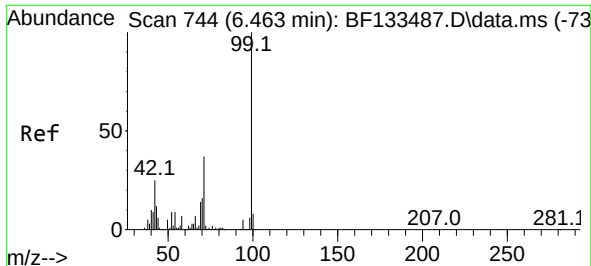
Tgt Ion:152 Resp: 134004
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 130.966 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.017 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion:112 Resp: 1051865
Ion Ratio Lower Upper
112 100
64 60.6 50.1 75.1
63 33.0 27.5 41.3

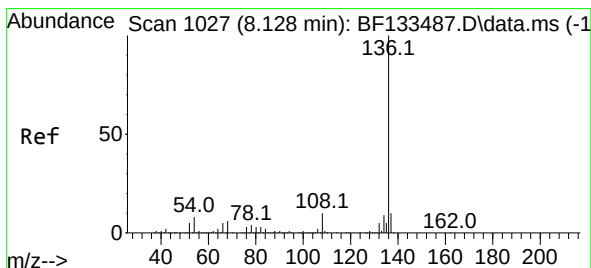
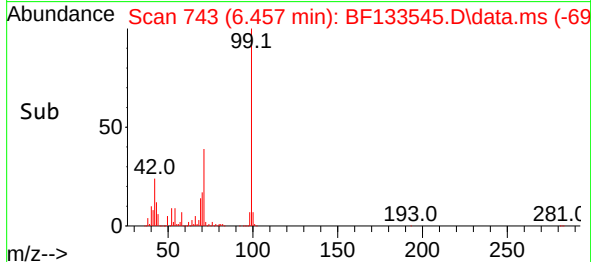
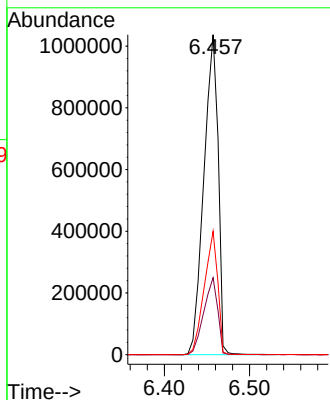
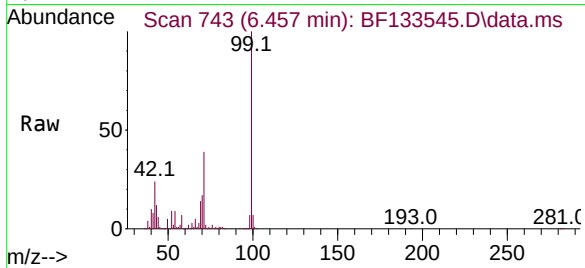




#7
Phenol-d6
Concen: 122.183 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

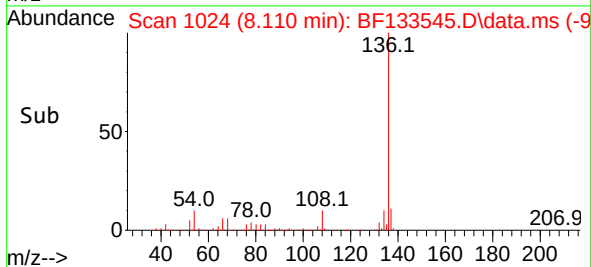
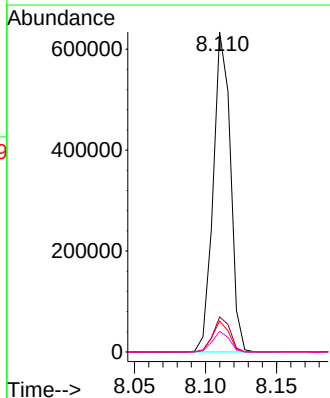
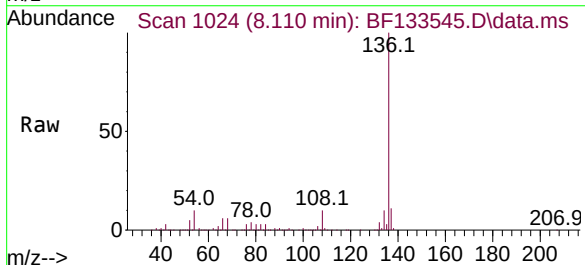
Instrument :
BNA_F
ClientSampleId :
TP-10-0A

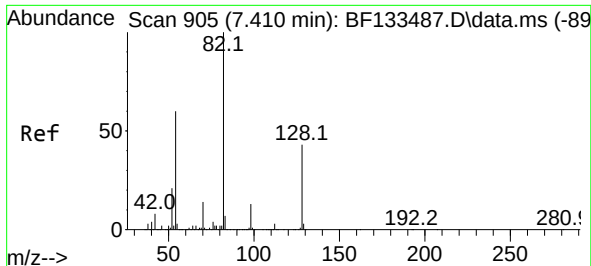
Tgt Ion: 99 Resp: 1208016
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 38.6 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion: 136 Resp: 534642
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.7 6.6 10.0
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 112.988 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

Instrument :

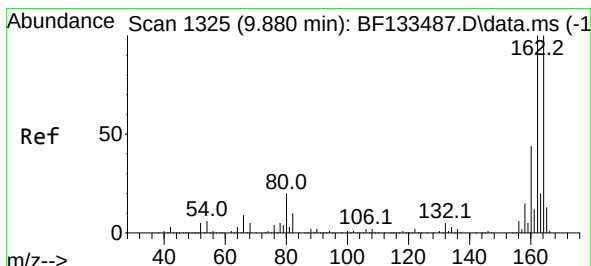
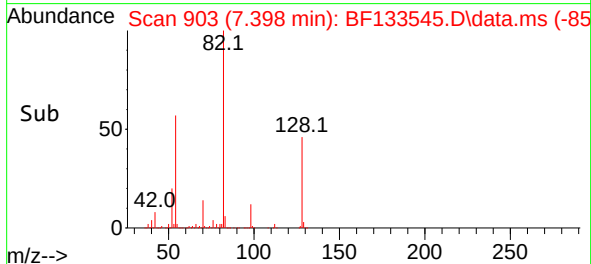
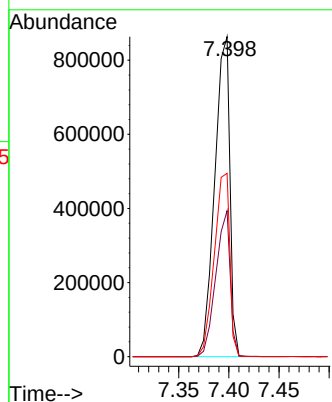
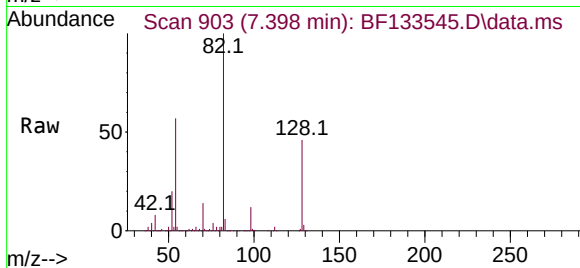
BNA_F

ClientSampleId :

TP-10-0A

Tgt Ion: 82 Resp: 904740

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.4
54	57.3	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

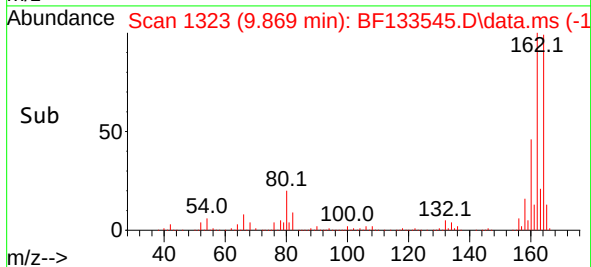
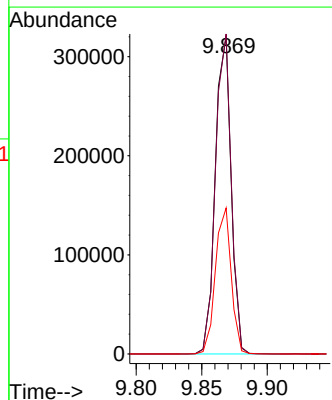
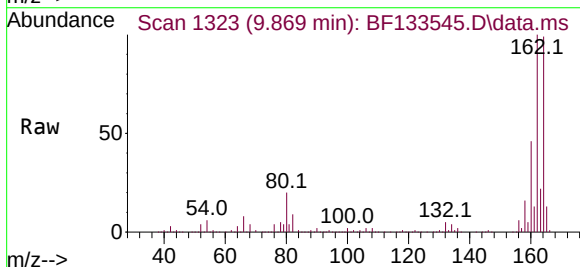
Delta R.T. -0.006 min

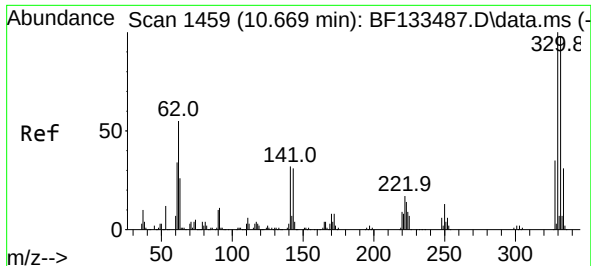
Lab File: BF133545.D

Acq: 31 May 2023 18:21

Tgt Ion: 164 Resp: 268901

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.7	119.5
160	46.0	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 160.510 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133545.D

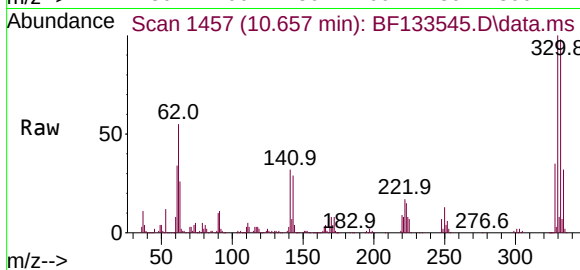
Acq: 31 May 2023 18:21

Instrument :

BNA_F

ClientSampleId :

TP-10-0A



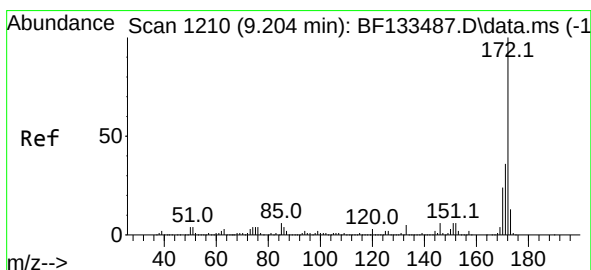
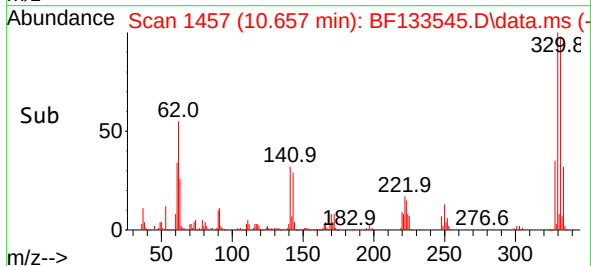
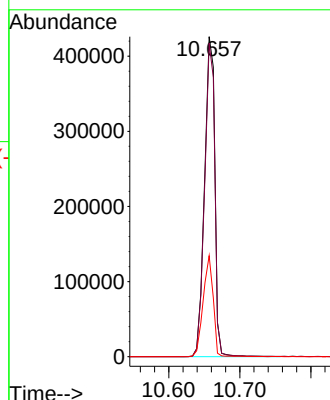
Tgt Ion:330 Resp: 430239

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 30.8 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 89.408 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133545.D

Acq: 31 May 2023 18:21

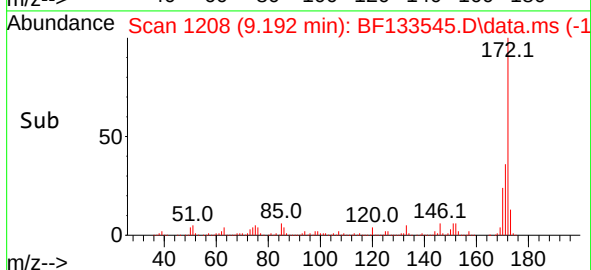
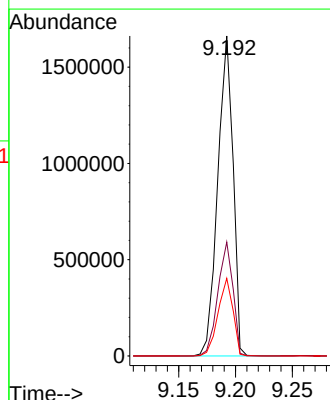
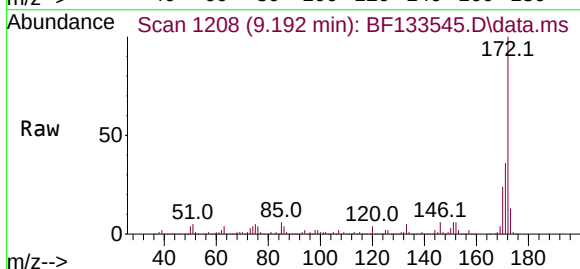
Tgt Ion:172 Resp: 1557686

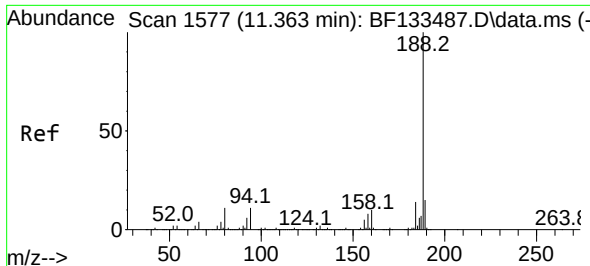
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.2 19.3 28.9

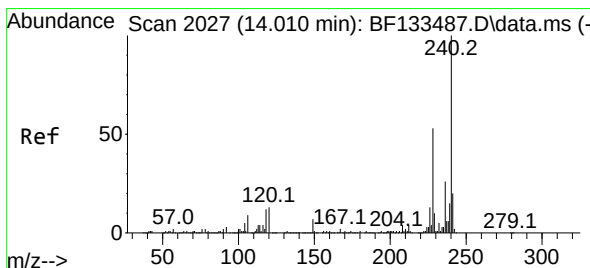
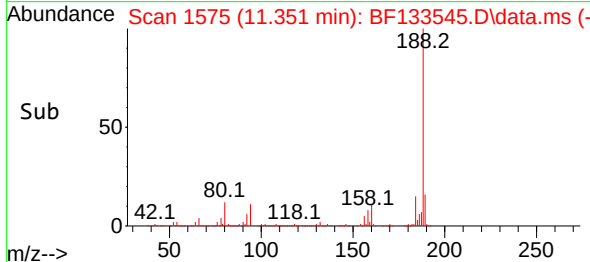
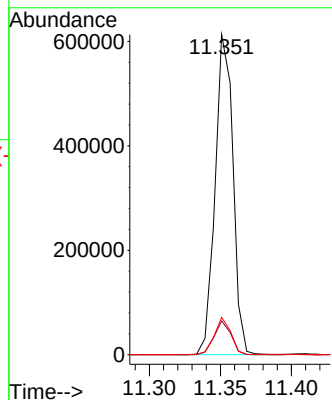
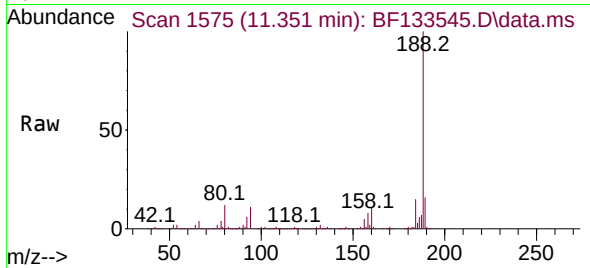




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

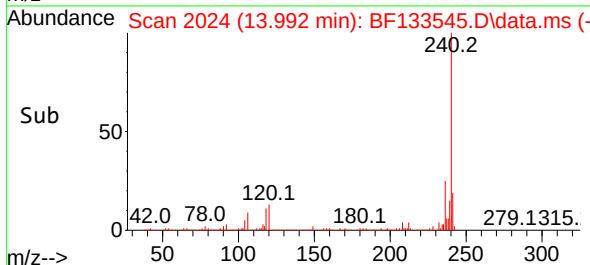
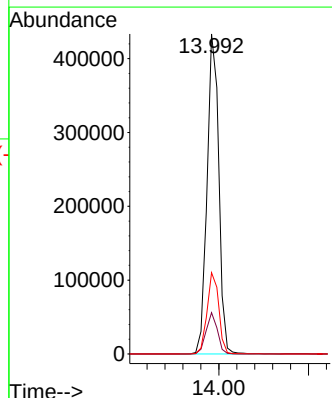
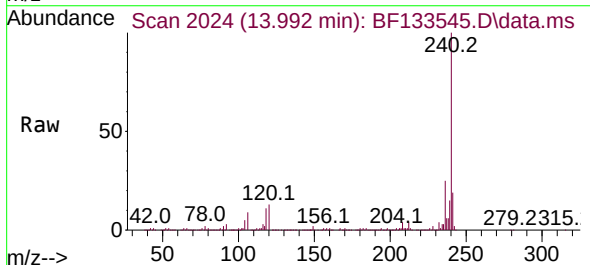
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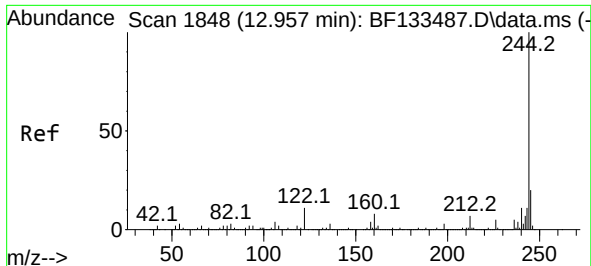
Tgt Ion:188 Resp: 534784
Ion Ratio Lower Upper
188 100
94 10.6 8.6 12.8
80 11.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF133545.D
Acq: 31 May 2023 18:21

Tgt Ion:240 Resp: 393021
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.4 20.5 30.7

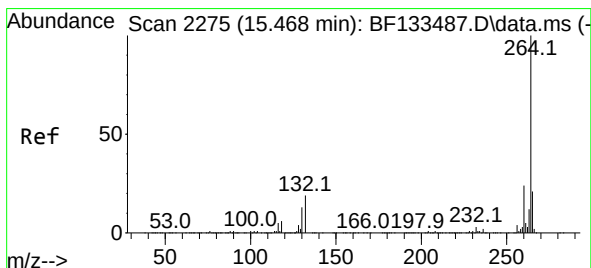
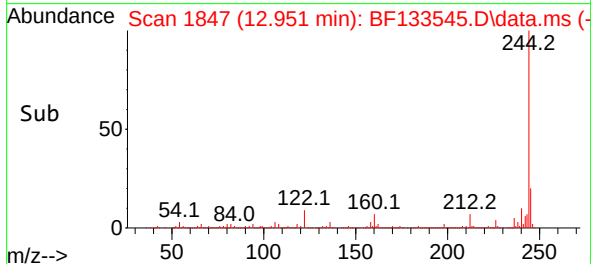
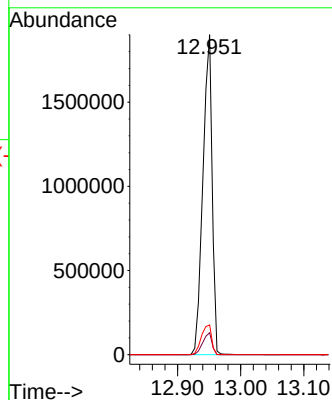
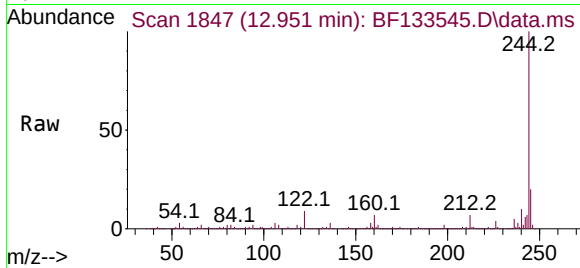




#79
 Terphenyl-d14
 Concen: 87.586 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133545.D
 Acq: 31 May 2023 18:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-0A

Tgt Ion:244 Resp: 1936086
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133545.D
 Acq: 31 May 2023 18:21

Tgt Ion:264 Resp: 304028
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.7 16.8 25.2

