

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133584.D
 Acq On : 06 Jun 2023 00:54
 Operator : CG\JU
 Sample : 02983-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC19

Quant Time: Jun 06 01:40:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	135510	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	486656	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	217025	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	390410	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	219073	20.000	ng	0.00
86) Perylene-d12	15.468	264	182033	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	687942	84.703	ng	0.01
7) Phenol-d6	6.463	99	828099	82.826	ng	0.00
23) Nitrobenzene-d5	7.398	82	494883	67.897	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	196930	91.031	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	887796	63.138	ng	0.00
79) Terphenyl-d14	12.951	244	828951	67.277	ng	0.00

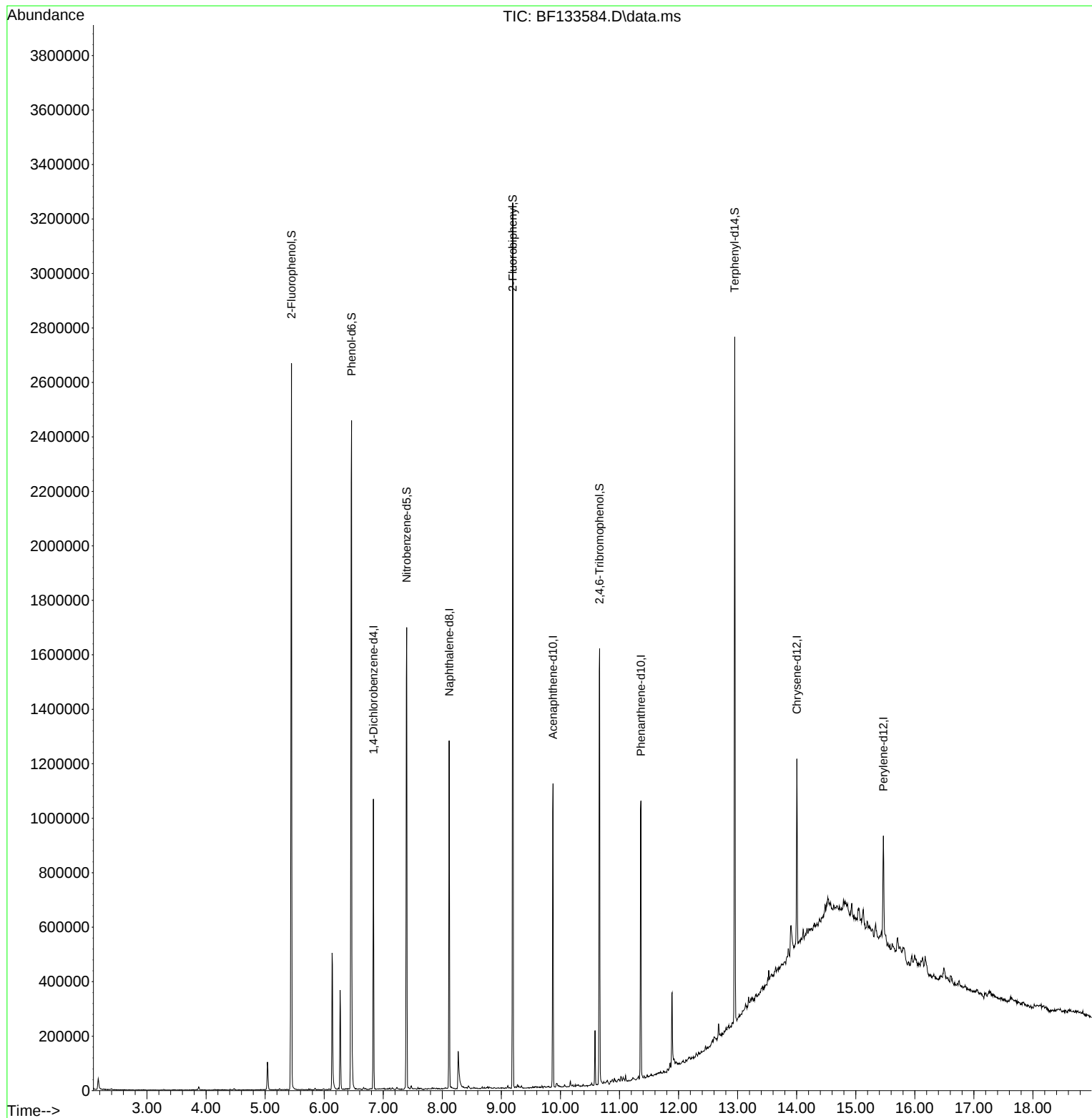
Target Compounds	Qvalue

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

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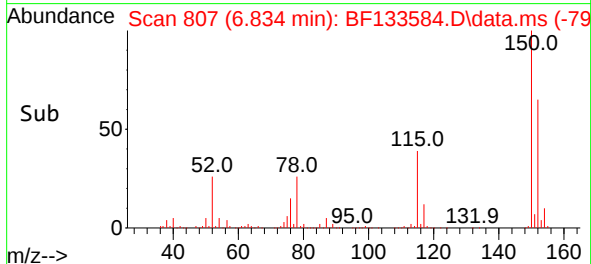
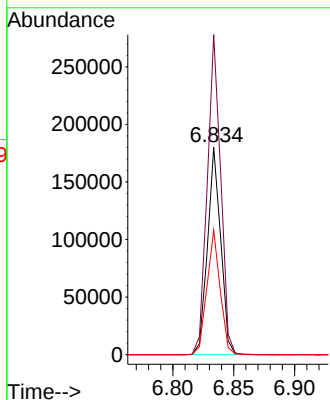
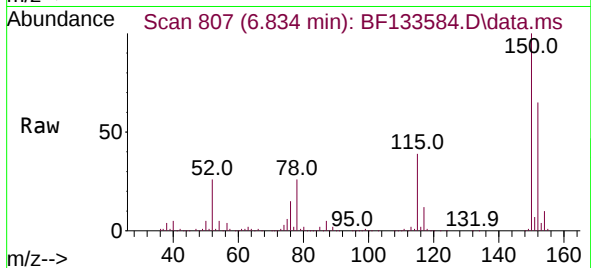




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133584.D
Acq: 06 Jun 2023 00:54

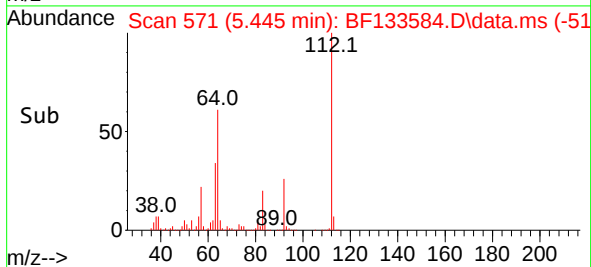
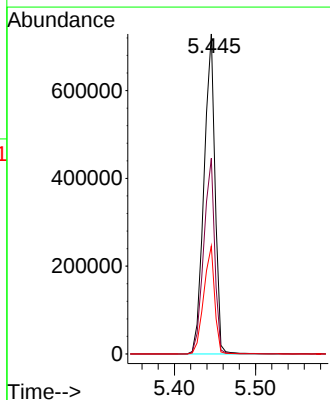
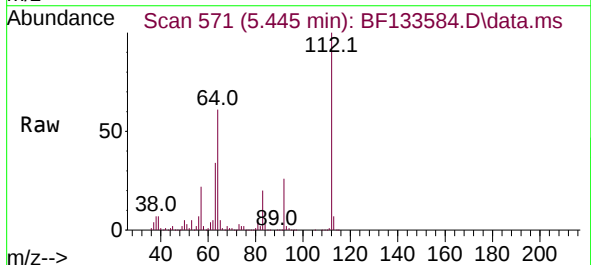
Instrument :
BNA_F
ClientSampleId :
WC19

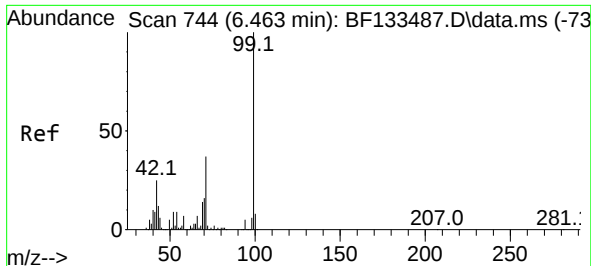
Tgt Ion:152 Resp: 135510
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 60.0 48.1 72.1



#5
2-Fluorophenol
Concen: 84.703 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF133584.D
Acq: 06 Jun 2023 00:54

Tgt Ion:112 Resp: 687942
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 33.7 27.5 41.3

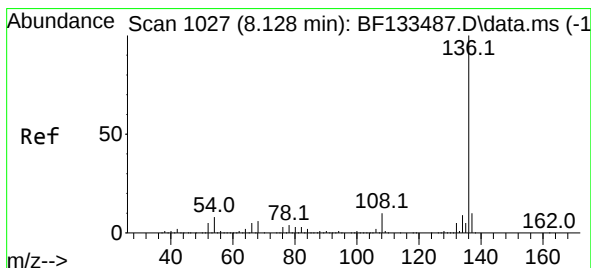
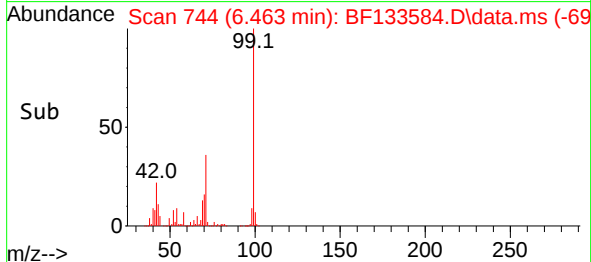
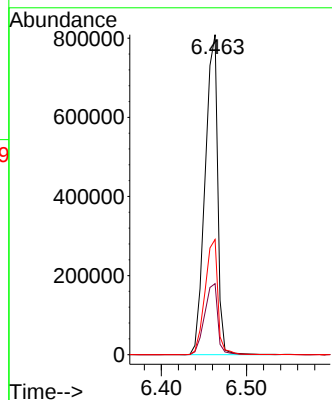
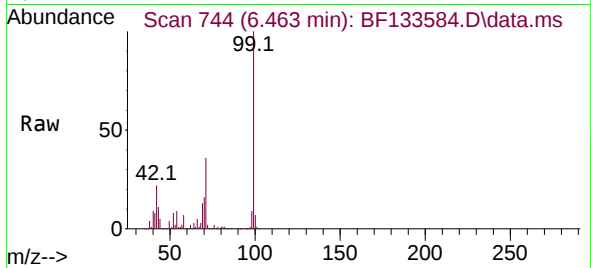




#7
Phenol-d6
Concen: 82.826 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF133584.D
Acq: 06 Jun 2023 00:54

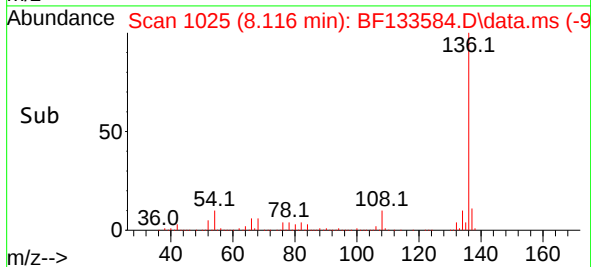
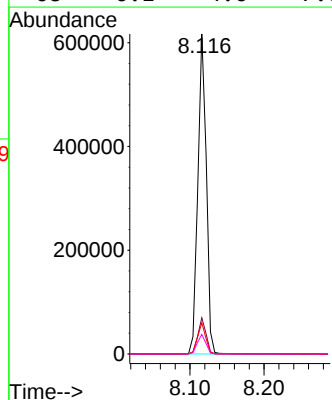
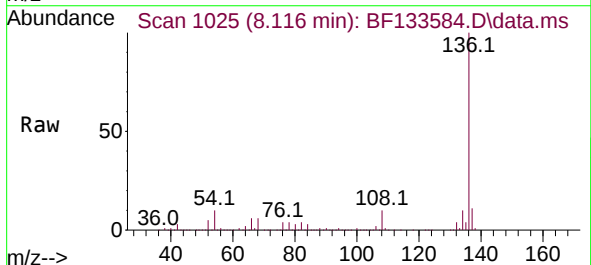
Instrument :
BNA_F
ClientSampleId :
WC19

Tgt Ion: 99 Resp: 828099
Ion Ratio Lower Upper
99 100
42 22.2 19.7 29.5
71 36.0 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133584.D
Acq: 06 Jun 2023 00:54

Tgt Ion: 136 Resp: 486656
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.4
54 9.8 6.6 10.0
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 67.897 ng

RT: 7.398 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF133584.D

Acq: 06 Jun 2023 00:54

Instrument :

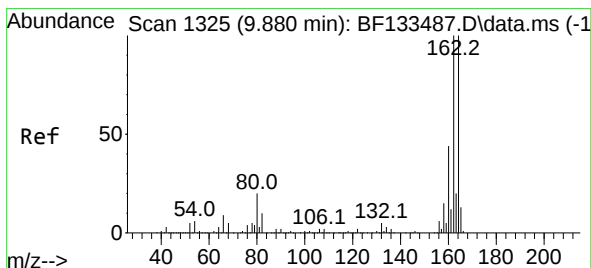
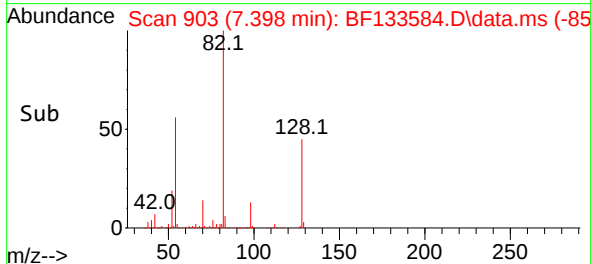
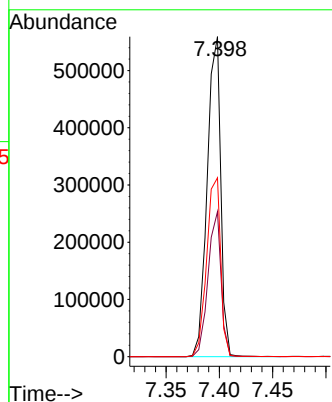
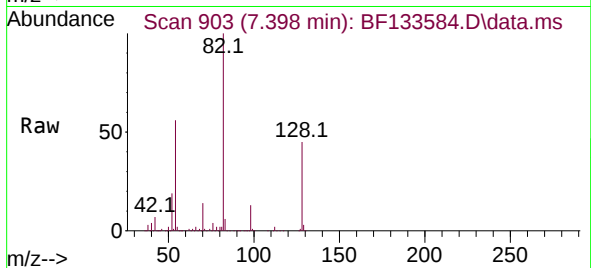
BNA_F

ClientSampleId :

WC19

Tgt Ion: 82 Resp: 494883

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.4
54	55.9	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

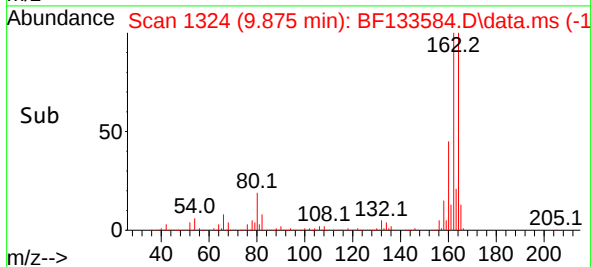
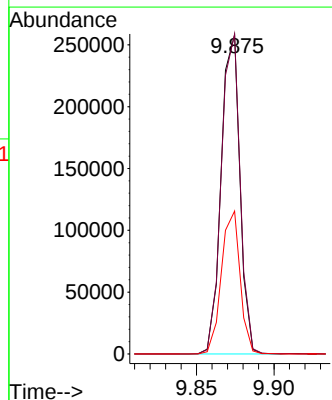
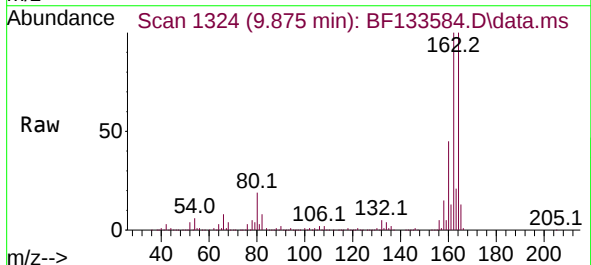
Delta R.T. 0.000 min

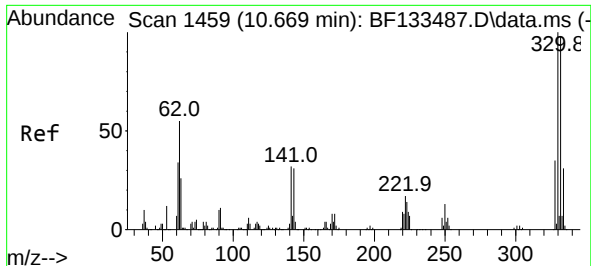
Lab File: BF133584.D

Acq: 06 Jun 2023 00:54

Tgt Ion: 164 Resp: 217025

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.7	119.5
160	44.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 91.031 ng

RT: 10.663 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133584.D

Acq: 06 Jun 2023 00:54

Instrument :

BNA_F

ClientSampleId :

WC19

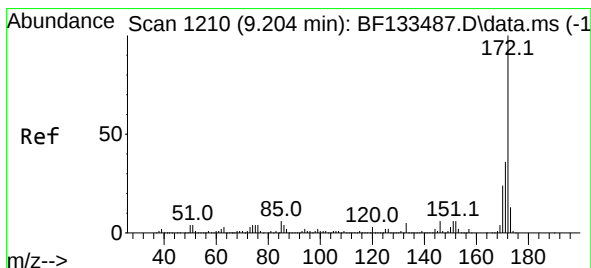
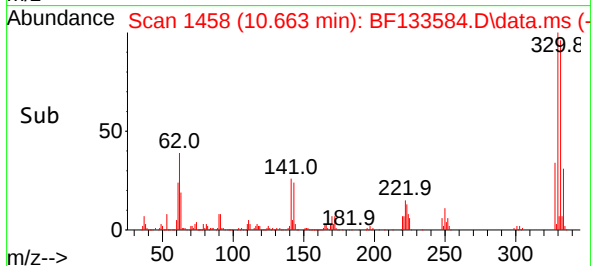
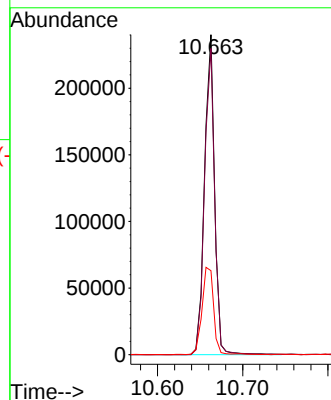
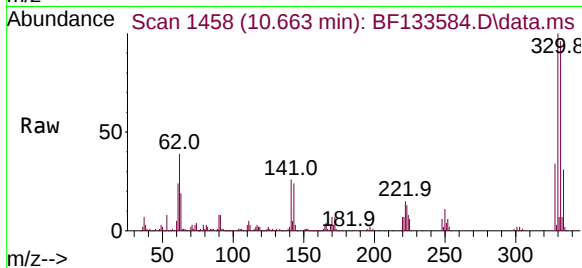
Tgt Ion:330 Resp: 196930

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 31.8 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 63.138 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133584.D

Acq: 06 Jun 2023 00:54

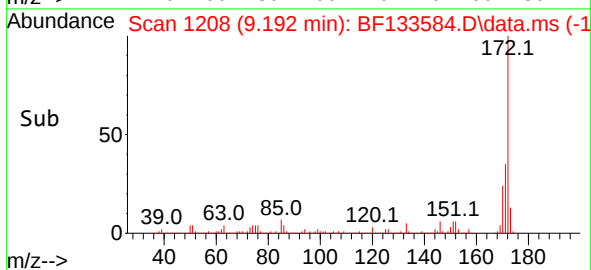
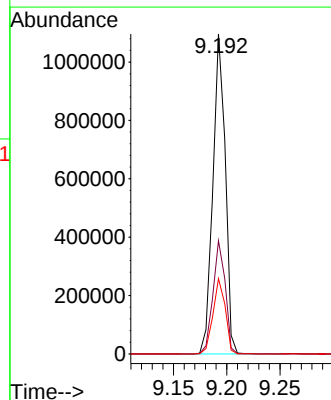
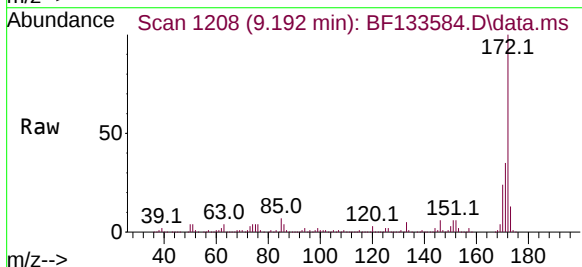
Tgt Ion:172 Resp: 887796

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# 1

Delta R.T. 0.006 min

Lab File: BF133584.D

Acq: 06 Jun 2023 00:54

Instrument :

BNA_F

ClientSampleId :

WC19

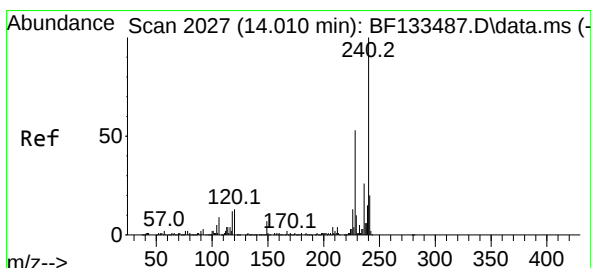
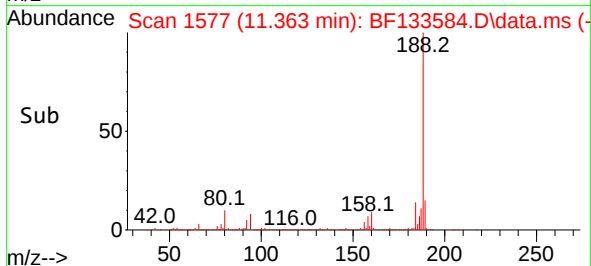
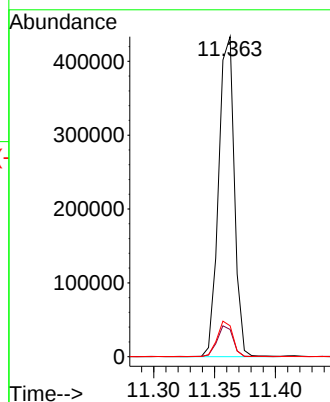
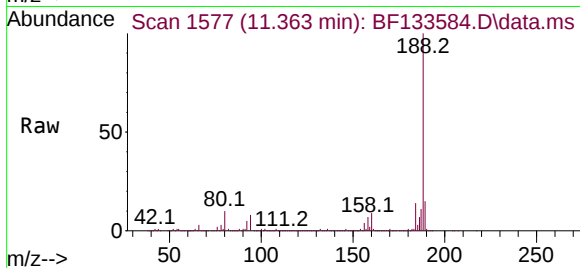
Tgt Ion:188 Resp: 390410

Ion Ratio Lower Upper

188 100

94 8.5 8.6 12.8#

80 9.7 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF133584.D

Acq: 06 Jun 2023 00:54

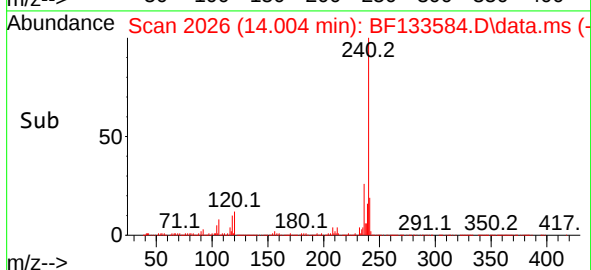
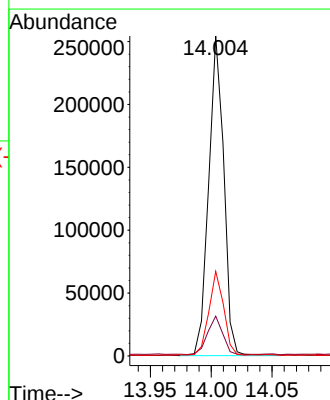
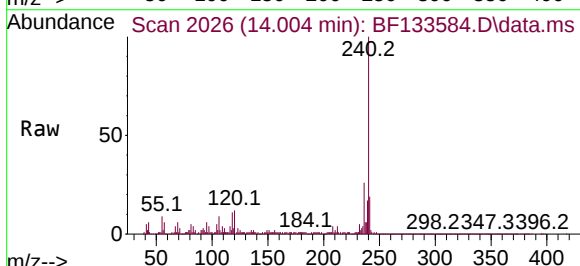
Tgt Ion:240 Resp: 219073

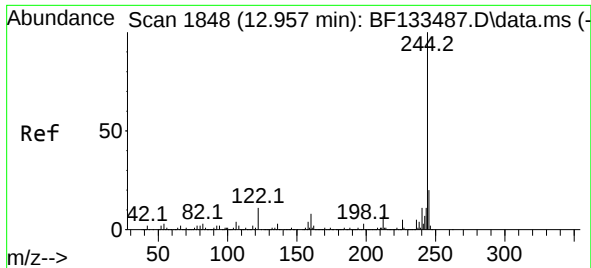
Ion Ratio Lower Upper

240 100

120 12.5 10.3 15.5

236 26.5 20.5 30.7

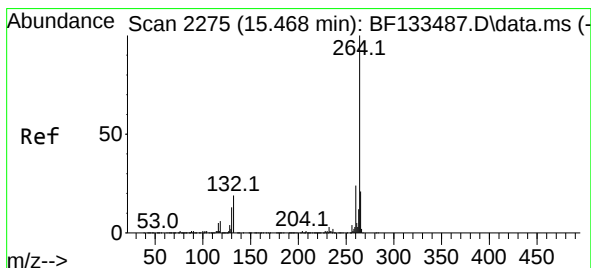
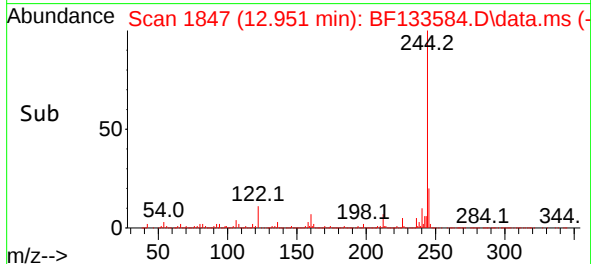
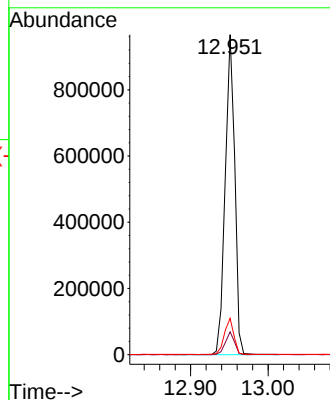
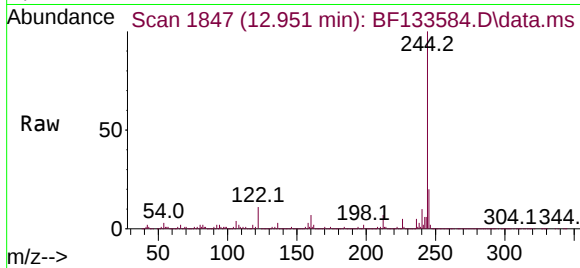




#79
 Terphenyl-d14
 Concen: 67.277 ng
 RT: 12.951 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF133584.D
 Acq: 06 Jun 2023 00:54

Instrument :
 BNA_F
 ClientSampleId :
 WC19

Tgt Ion:244 Resp: 828951
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.4 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: BF133584.D
 Acq: 06 Jun 2023 00:54

Tgt Ion:264 Resp: 182033
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 21.1 16.8 25.2

