

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133609.D
 Acq On : 07 Jun 2023 02:09
 Operator : CG\JU
 Sample : 03016-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC29

Quant Time: Jun 07 04:29:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	142054	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	506097	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	209476	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	344516	20.000	ng	0.00
76) Chrysene-d12	14.004	240	181803	20.000	ng	0.00
86) Perylene-d12	15.474	264	156930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	773609	90.862	ng	0.00
7) Phenol-d6	6.463	99	934646	89.176	ng	0.00
23) Nitrobenzene-d5	7.398	82	577092	76.135	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	192236	92.063	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1005069	74.054	ng	0.00
79) Terphenyl-d14	12.957	244	837350	81.891	ng	0.00

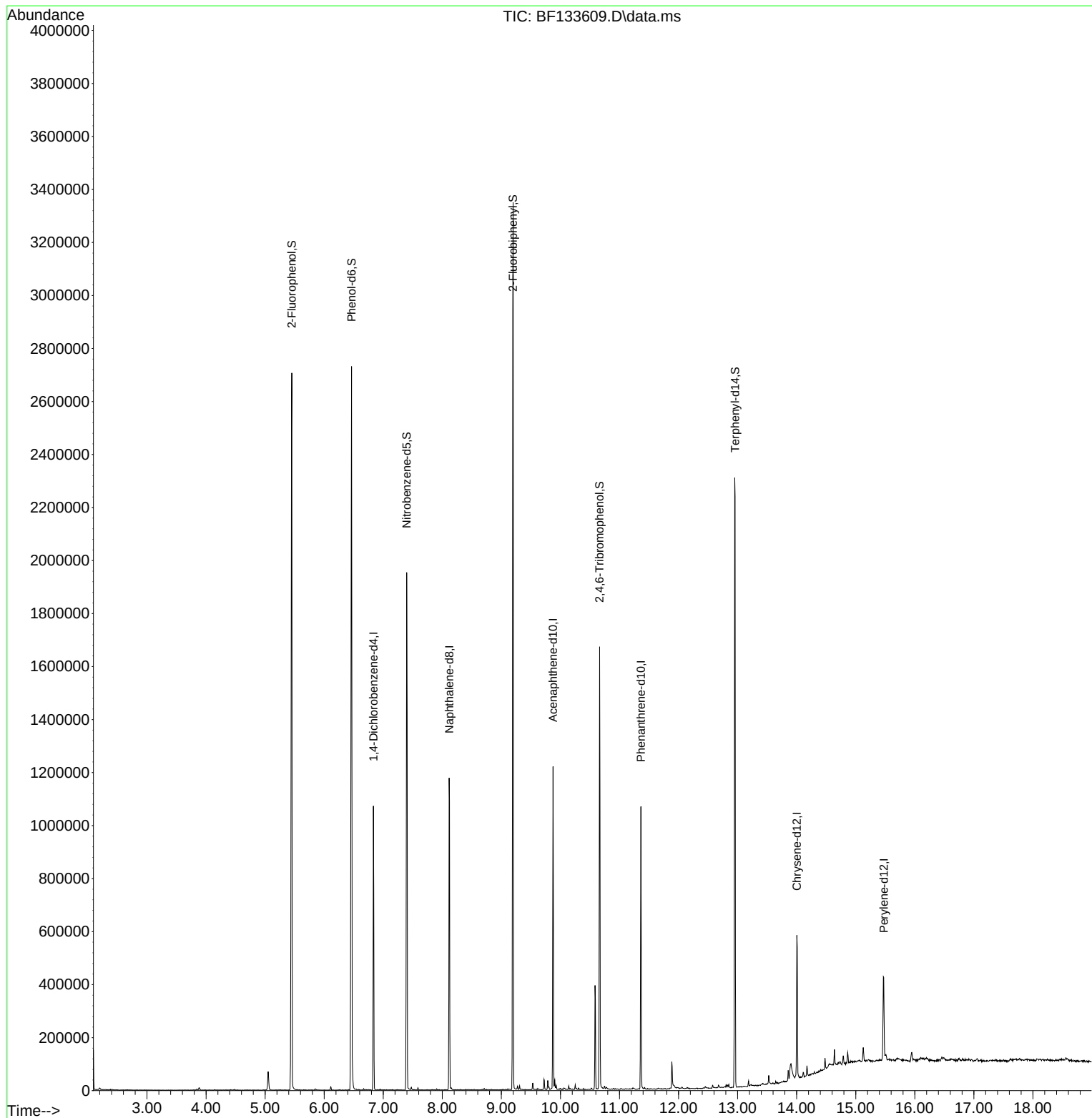
Target Compounds	Qvalue

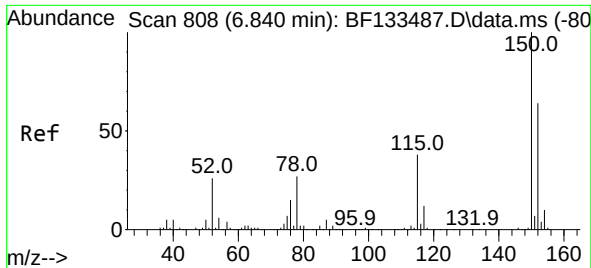
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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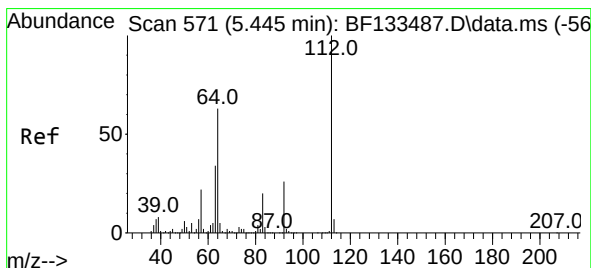
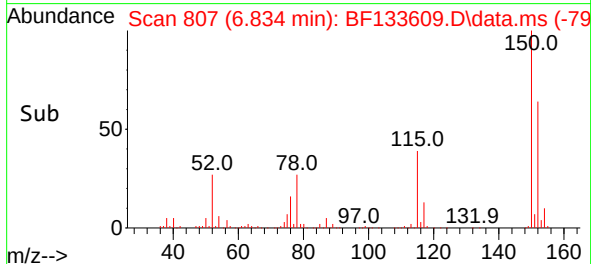
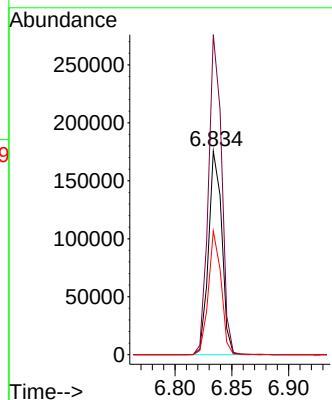
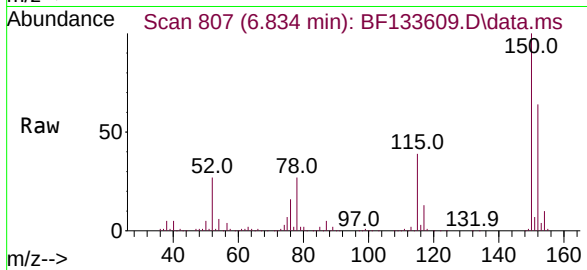




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133609.D
Acq: 07 Jun 2023 02:09

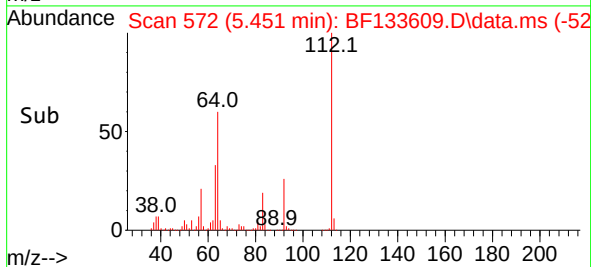
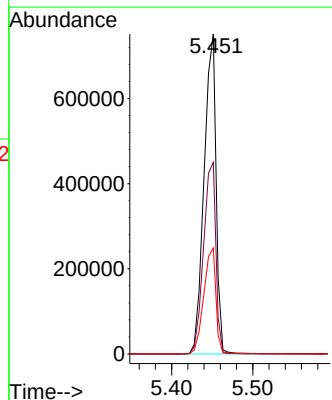
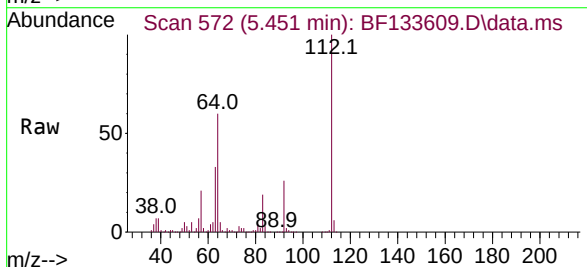
Instrument :
BNA_F
ClientSampleId :
WC29

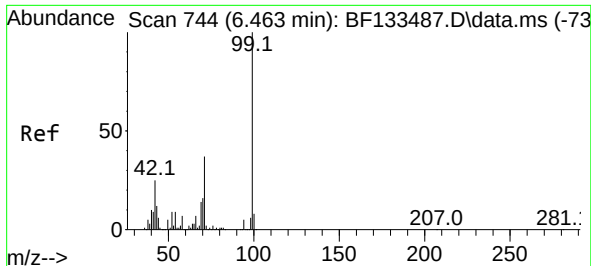
Tgt Ion:152 Resp: 142054
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 60.8 48.1 72.1



#5
2-Fluorophenol
Concen: 90.862 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133609.D
Acq: 07 Jun 2023 02:09

Tgt Ion:112 Resp: 773609
Ion Ratio Lower Upper
112 100
64 59.9 50.1 75.1
63 33.1 27.5 41.3

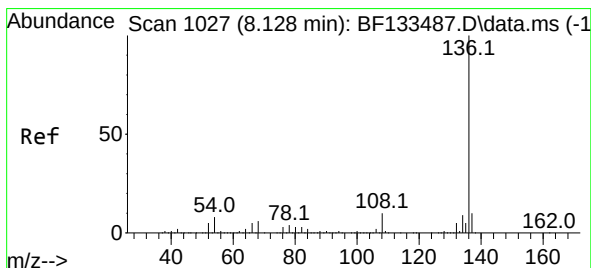
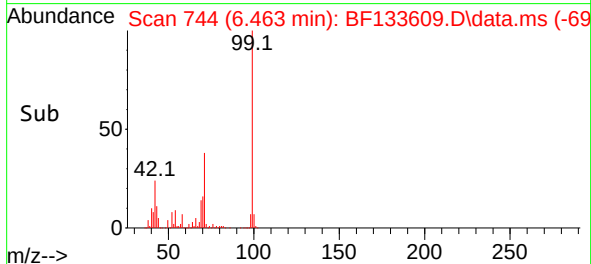
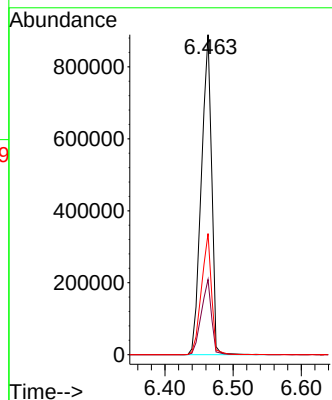
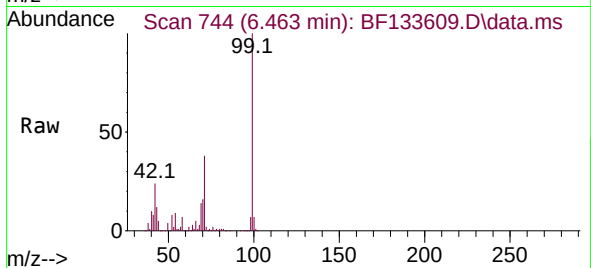




#7
Phenol-d6
Concen: 89.176 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133609.D
Acq: 07 Jun 2023 02:09

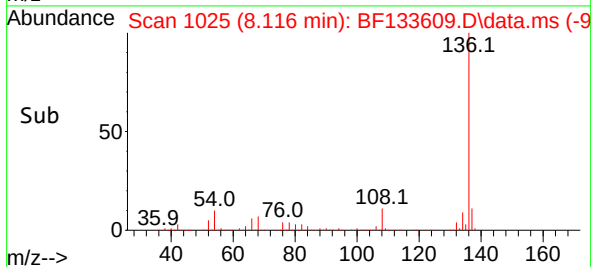
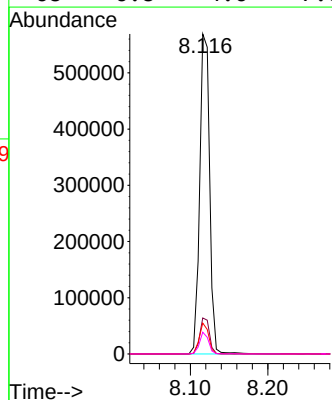
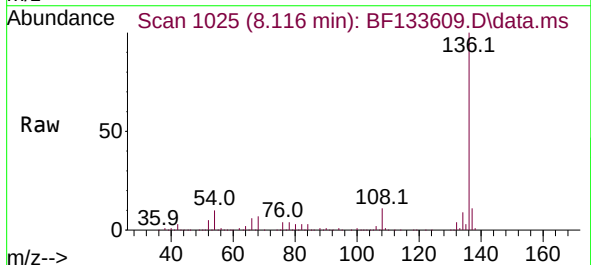
Instrument :
BNA_F
ClientSampleId :
WC29

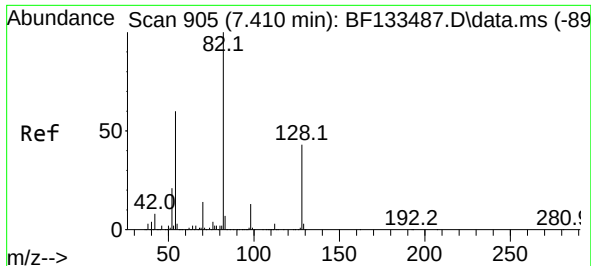
Tgt Ion: 99 Resp: 934646
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 37.8 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133609.D
Acq: 07 Jun 2023 02:09

Tgt Ion: 136 Resp: 506097
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.7 6.6 10.0
68 6.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 76.135 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133609.D

Acq: 07 Jun 2023 02:09

Instrument :

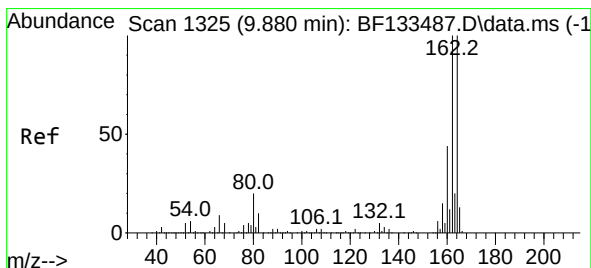
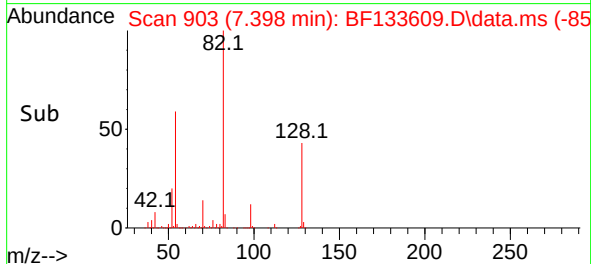
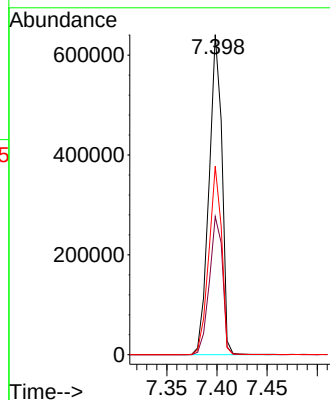
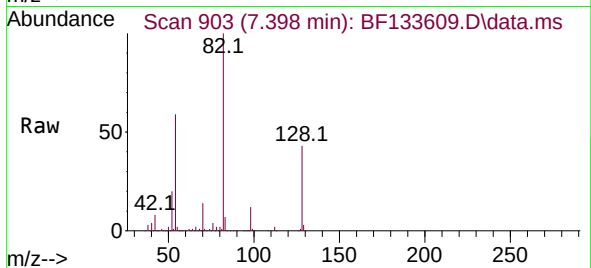
BNA_F

ClientSampleId :

WC29

Tgt Ion: 82 Resp: 577092

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.2	51.4
54	58.8	48.2	72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

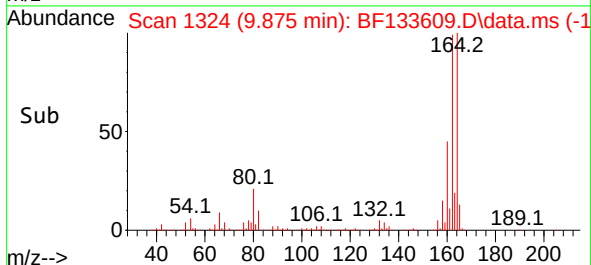
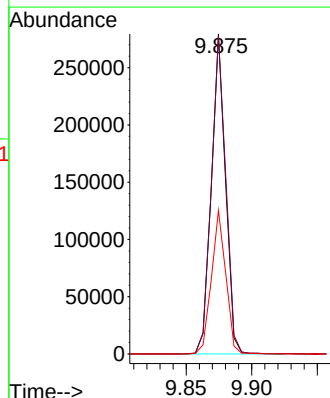
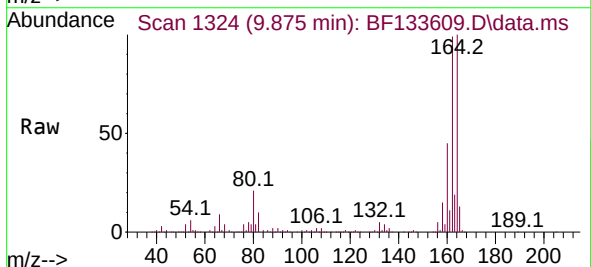
Delta R.T. 0.000 min

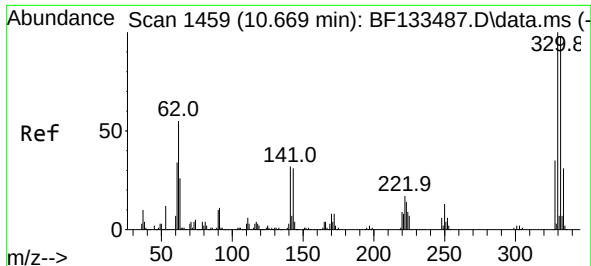
Lab File: BF133609.D

Acq: 07 Jun 2023 02:09

Tgt Ion:164 Resp: 209476

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.7	119.5
160	44.9	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 92.063 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133609.D

Acq: 07 Jun 2023 02:09

Instrument :

BNA_F

ClientSampleId :

WC29

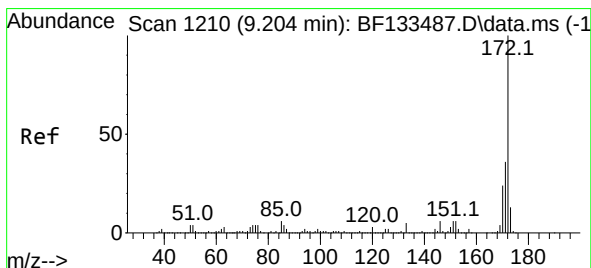
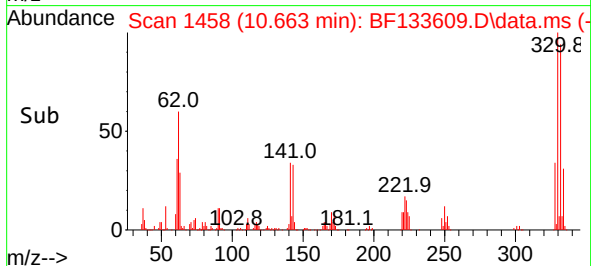
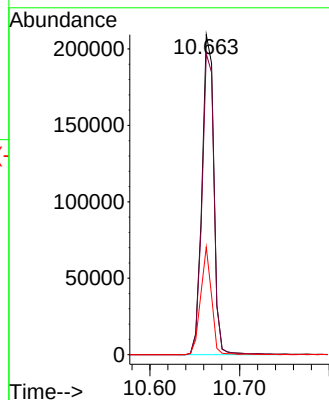
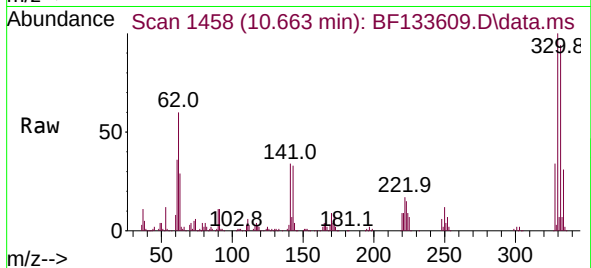
Tgt Ion:330 Resp: 192236

Ion Ratio Lower Upper

330 100

332 95.6 77.8 116.6

141 30.7 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 74.054 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133609.D

Acq: 07 Jun 2023 02:09

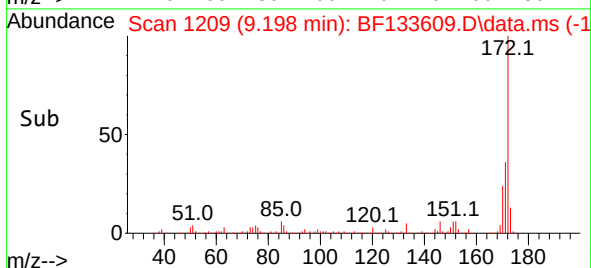
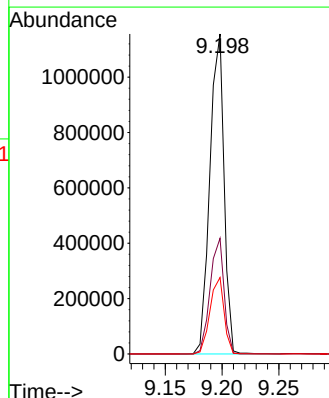
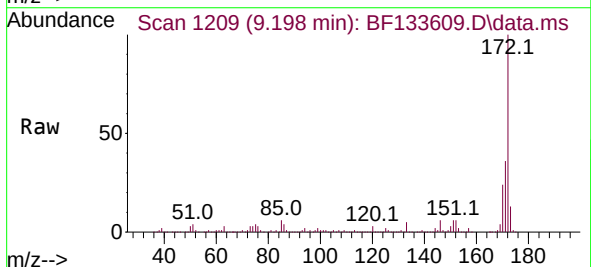
Tgt Ion:172 Resp: 1005069

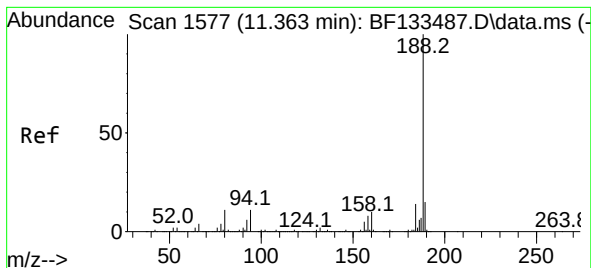
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133609.D

Acq: 07 Jun 2023 02:09

Instrument :

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ClientSampleId :

WC29

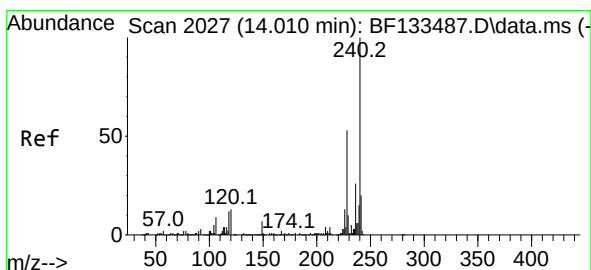
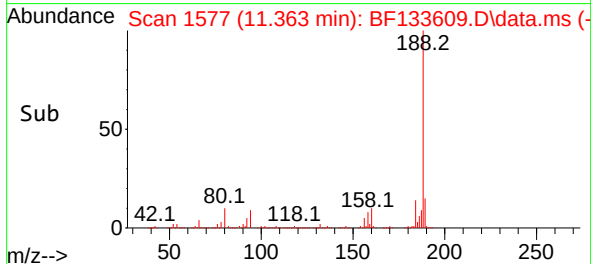
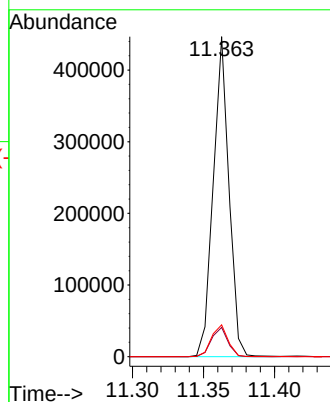
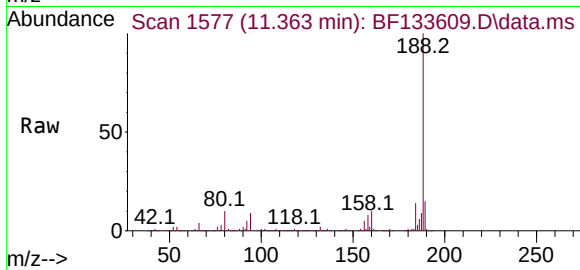
Tgt Ion:188 Resp: 344516

Ion Ratio Lower Upper

188 100

94 9.2 8.6 12.8

80 10.0 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133609.D

Acq: 07 Jun 2023 02:09

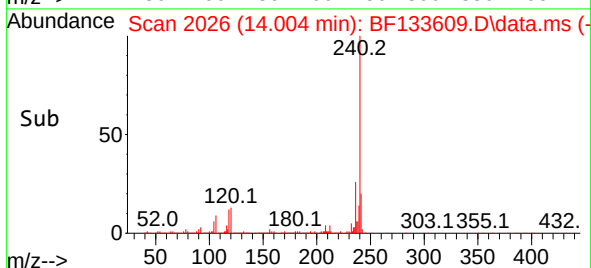
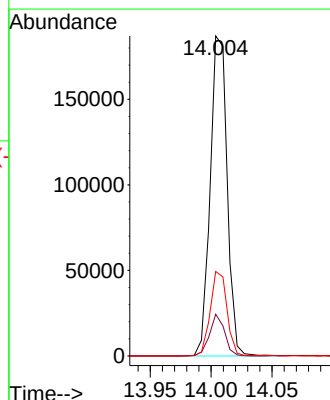
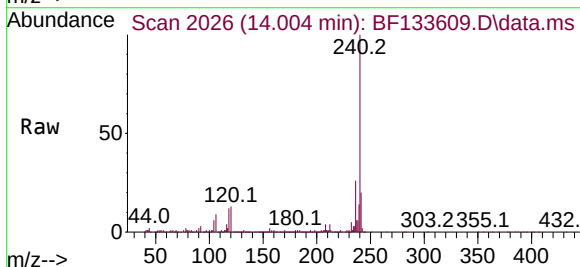
Tgt Ion:240 Resp: 181803

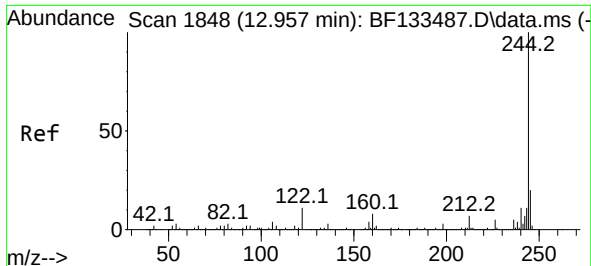
Ion Ratio Lower Upper

240 100

120 13.1 10.3 15.5

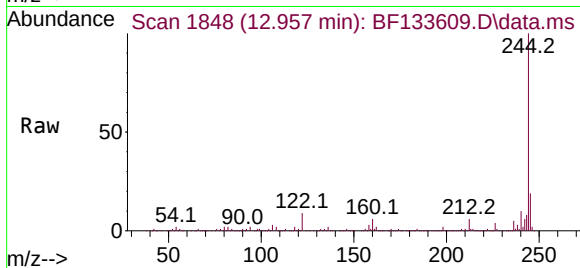
236 26.4 20.5 30.7



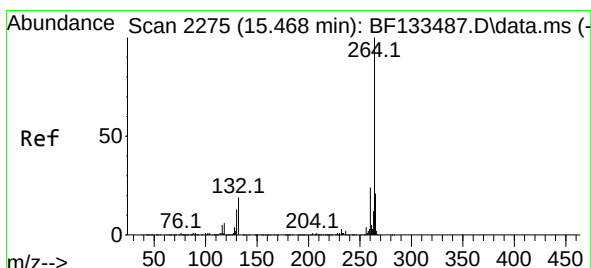
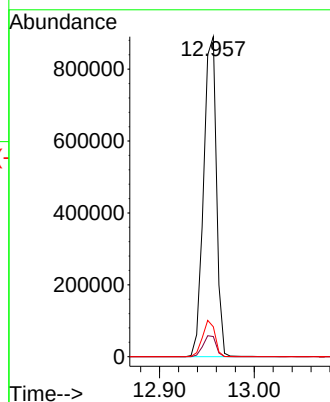
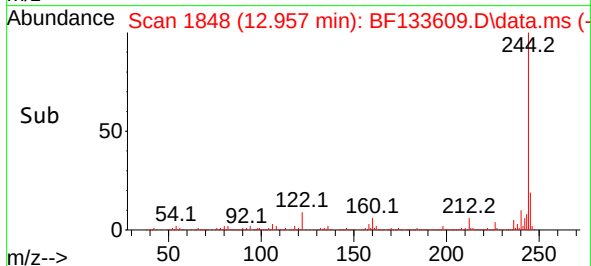


#79
 Terphenyl-d14
 Concen: 81.891 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133609.D
 Acq: 07 Jun 2023 02:09

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 837350
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.8 8.6
 122 9.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF133609.D
 Acq: 07 Jun 2023 02:09

Tgt Ion:264 Resp: 156930
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.3 16.8 25.2

