

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132656.D
 Acq On : 06 Mar 2023 19:09
 Operator : CG\JU
 Sample : 01767-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-33-030123

Quant Time: Mar 07 00:57:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	191270	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	687783	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	368209	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	659840	20.000	ng	0.00
76) Chrysene-d12	14.204	240	349863	20.000	ng	0.00
86) Perylene-d12	15.757	264	416471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1495956	126.935	ng	0.01
7) Phenol-d6	6.628	99	1810414	117.707	ng	0.00
23) Nitrobenzene-d5	7.563	82	1342382	92.600	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	559770	140.769	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2098566	86.782	ng	0.00
79) Terphenyl-d14	13.139	244	2150646	103.932	ng	0.00

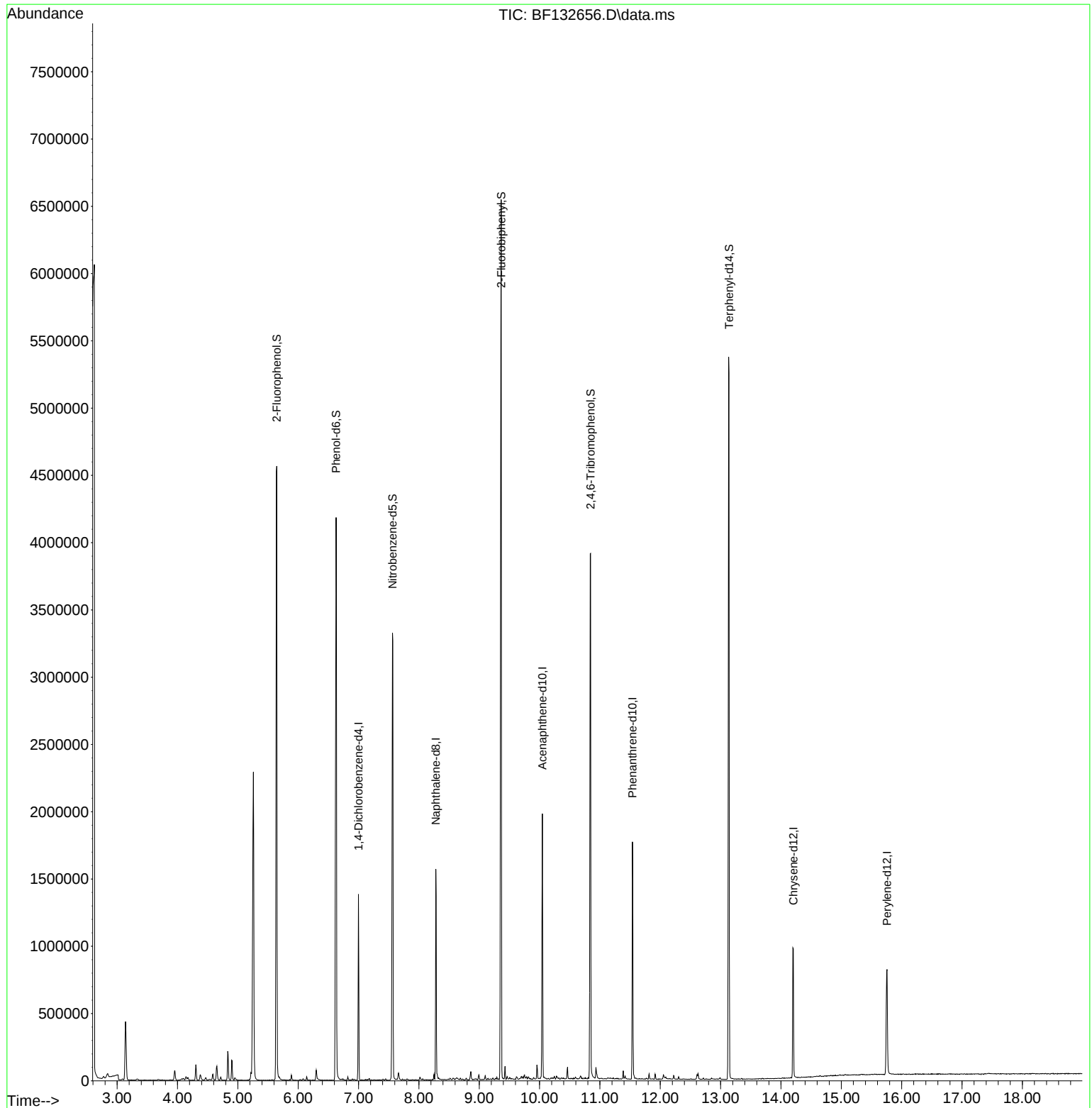
Target Compounds	Qvalue

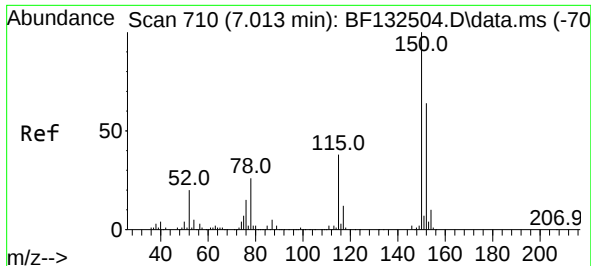
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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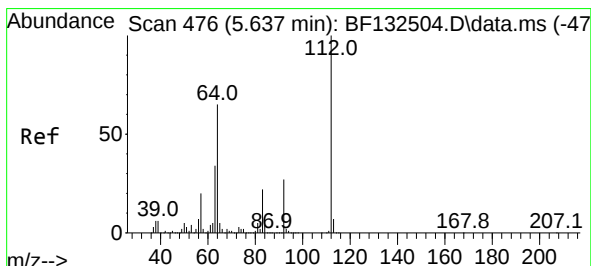
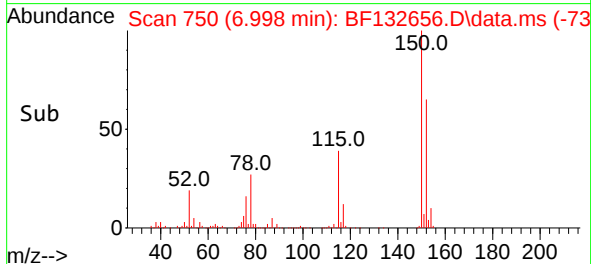
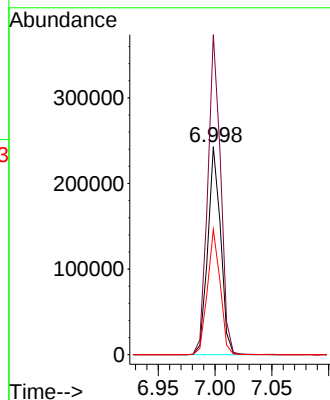
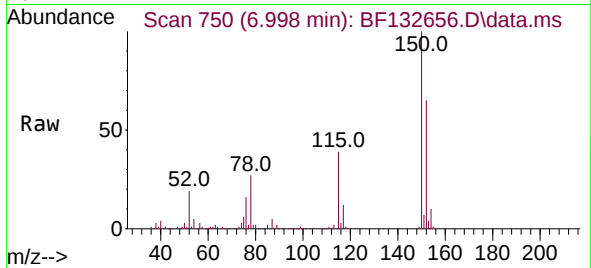




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132656.D
Acq: 06 Mar 2023 19:09

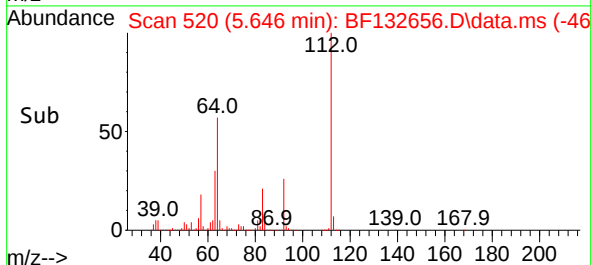
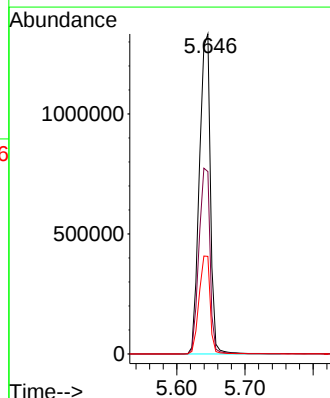
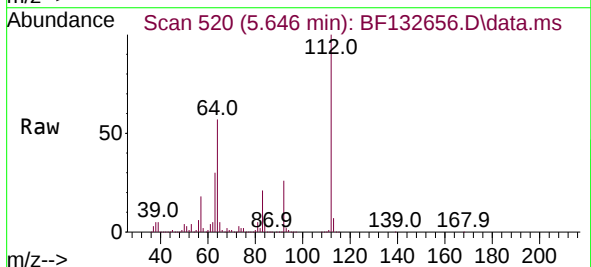
Instrument :
BNA_F
ClientSampleId :
CE-33-030123

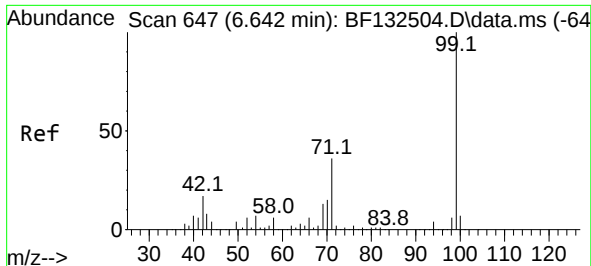
Tgt Ion:152 Resp: 191270
Ion Ratio Lower Upper
152 100
150 153.9 125.4 188.2
115 60.1 47.8 71.6



#5
2-Fluorophenol
Concen: 126.935 ng
RT: 5.646 min Scan# 520
Delta R.T. 0.015 min
Lab File: BF132656.D
Acq: 06 Mar 2023 19:09

Tgt Ion:112 Resp: 1495956
Ion Ratio Lower Upper
112 100
64 57.0 51.6 77.4
63 30.5 27.4 41.2

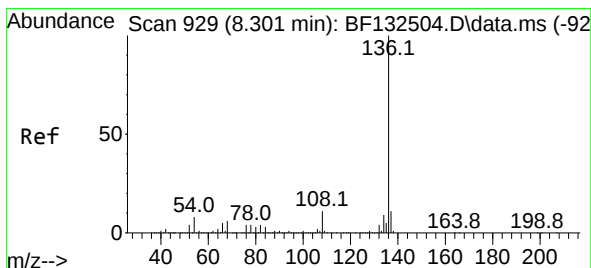
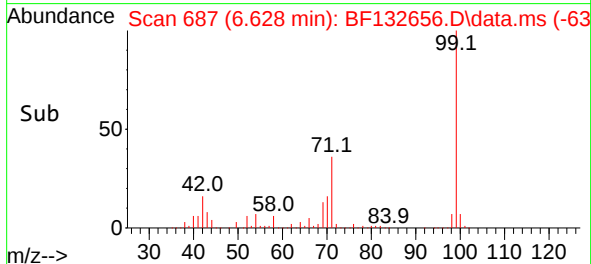
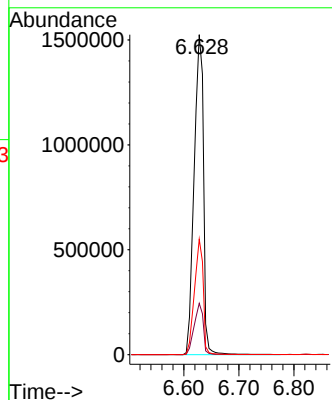
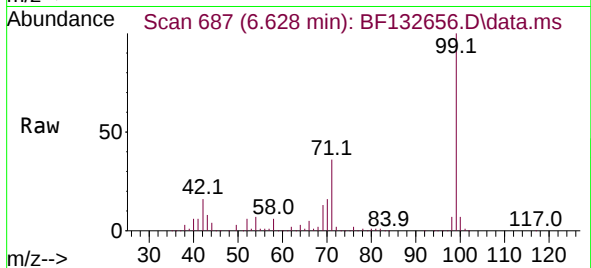




#7
Phenol-d6
Concen: 117.707 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132656.D
Acq: 06 Mar 2023 19:09

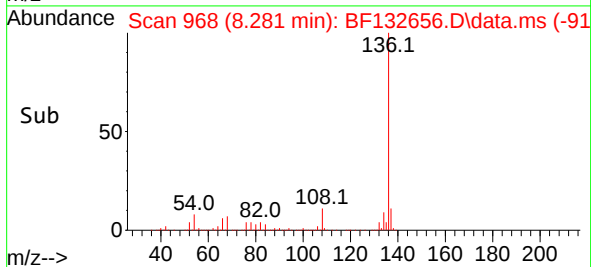
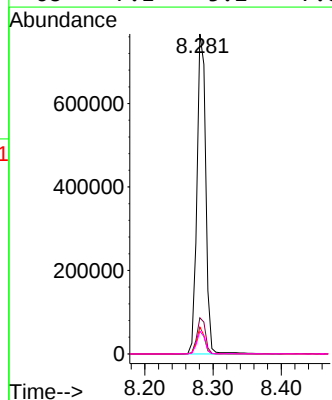
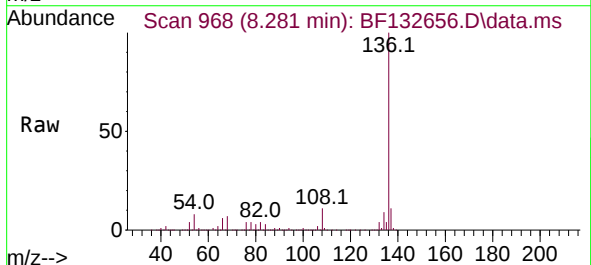
Instrument :
BNA_F
ClientSampleId :
CE-33-030123

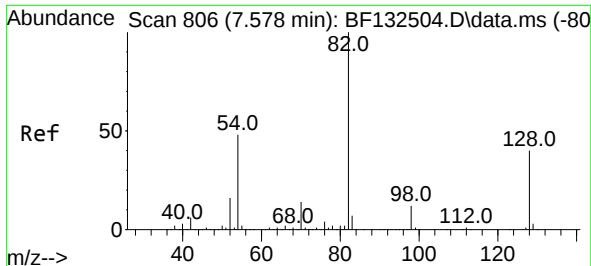
Tgt Ion: 99 Resp: 1810414
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 36.1 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 968
Delta R.T. -0.009 min
Lab File: BF132656.D
Acq: 06 Mar 2023 19:09

Tgt Ion:136 Resp: 687783
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.4 6.2 9.4
68 7.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 92.600 ng

RT: 7.563 min Scan# 84

Delta R.T. -0.009 min

Lab File: BF132656.D

Acq: 06 Mar 2023 19:09

Instrument :

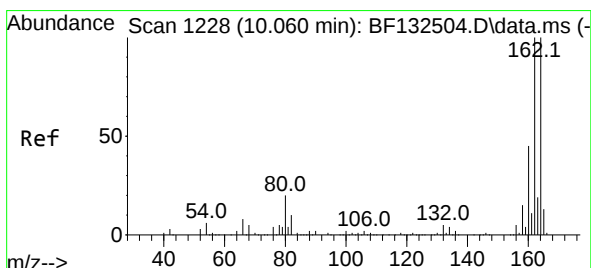
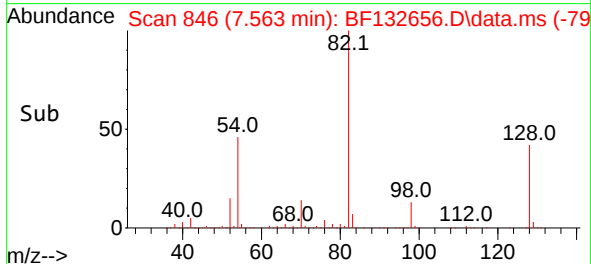
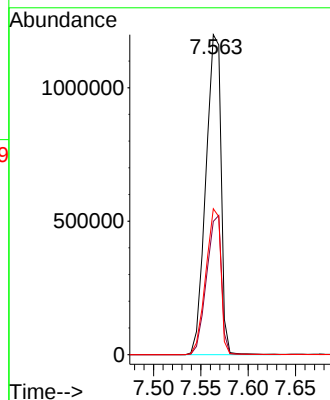
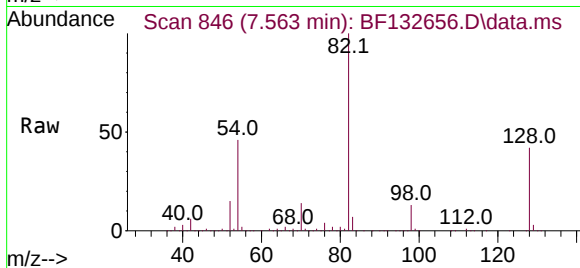
BNA_F

ClientSampleId :

CE-33-030123

Tgt Ion: 82 Resp: 1342382

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.2
54	45.6	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 1268

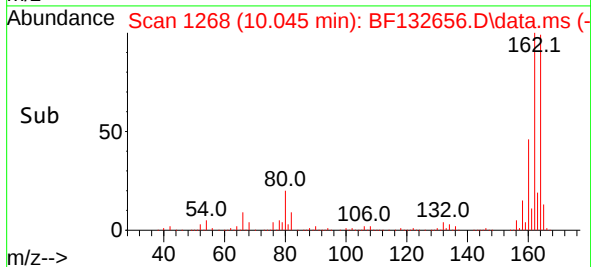
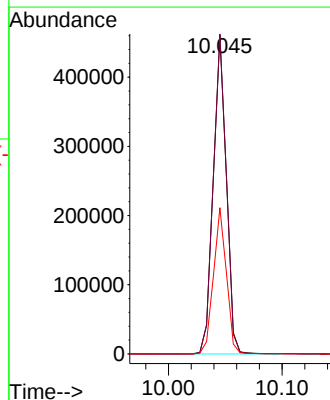
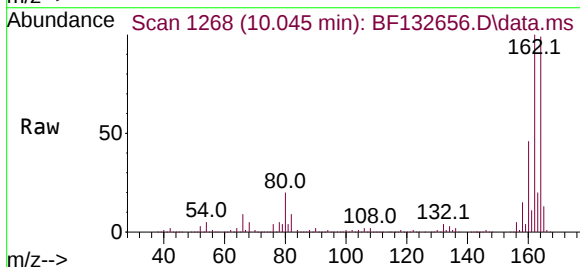
Delta R.T. -0.009 min

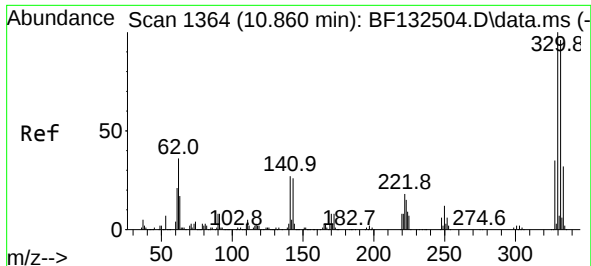
Lab File: BF132656.D

Acq: 06 Mar 2023 19:09

Tgt Ion:164 Resp: 368209

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.8	119.8
160	45.9	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 140.769 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132656.D

Acq: 06 Mar 2023 19:09

Instrument :

BNA_F

ClientSampleId :

CE-33-030123

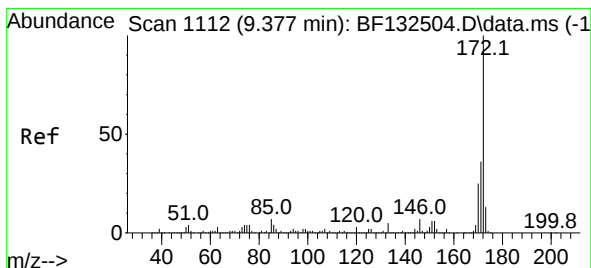
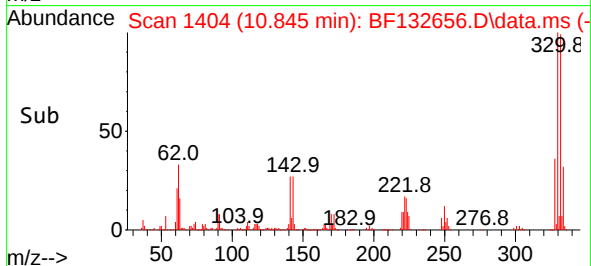
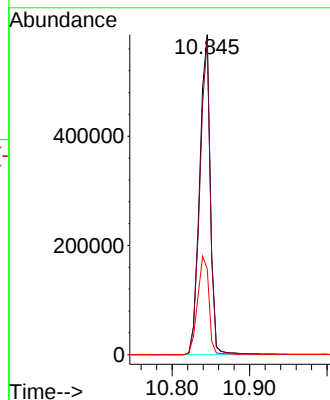
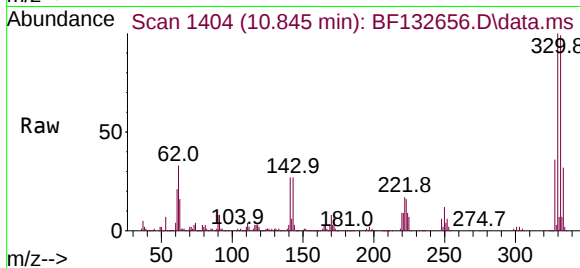
Tgt Ion:330 Resp: 559770

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 32.5 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 86.782 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132656.D

Acq: 06 Mar 2023 19:09

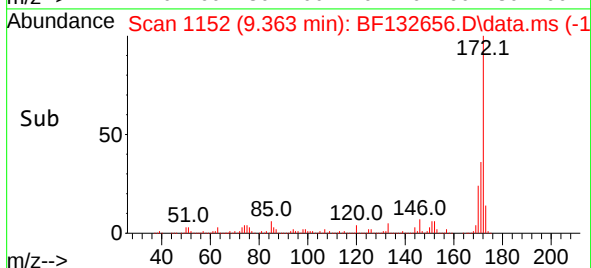
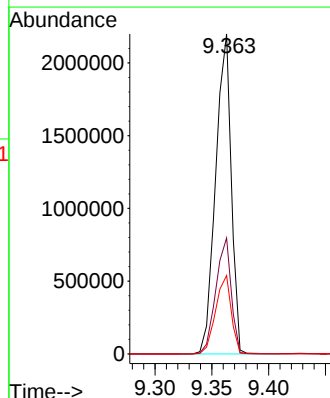
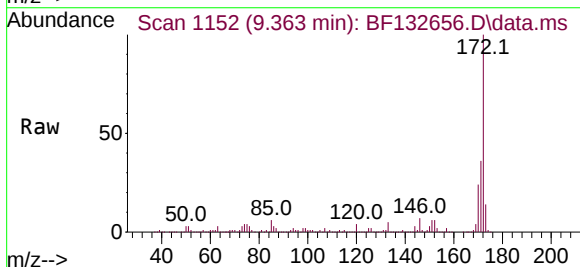
Tgt Ion:172 Resp: 2098566

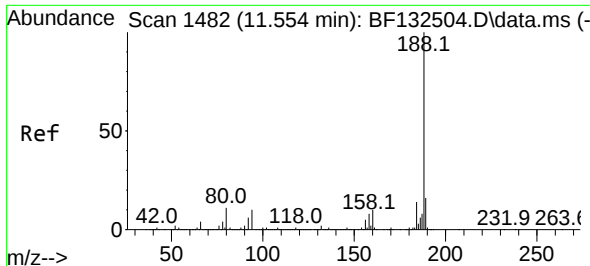
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.5 19.7 29.5

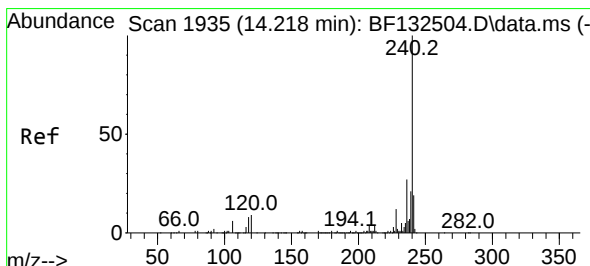
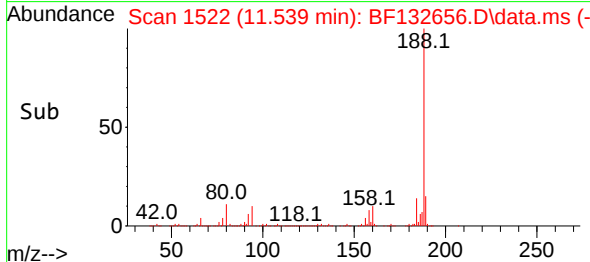
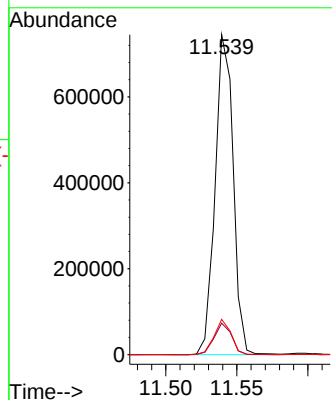
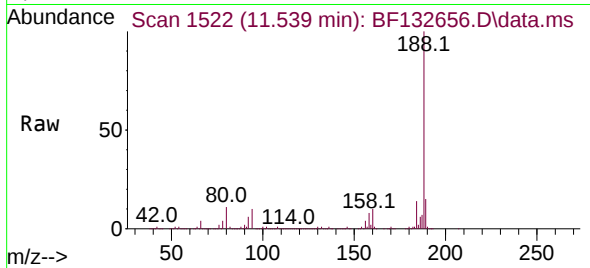




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132656.D
Acq: 06 Mar 2023 19:09

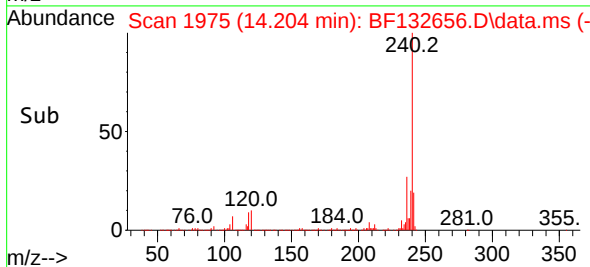
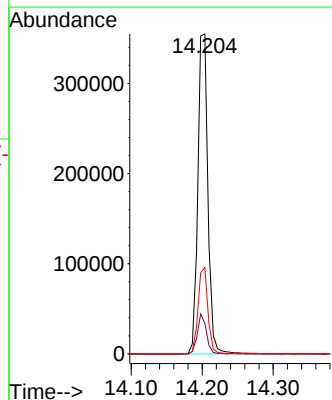
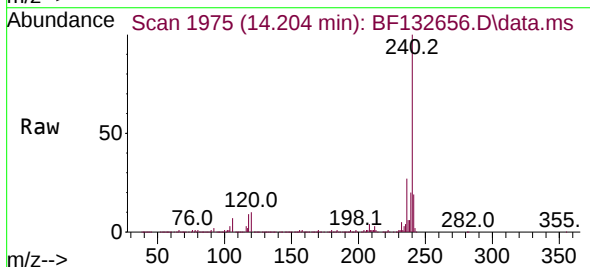
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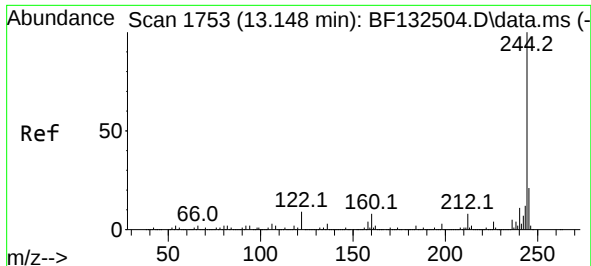
Tgt Ion:188 Resp: 659840
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 11.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132656.D
Acq: 06 Mar 2023 19:09

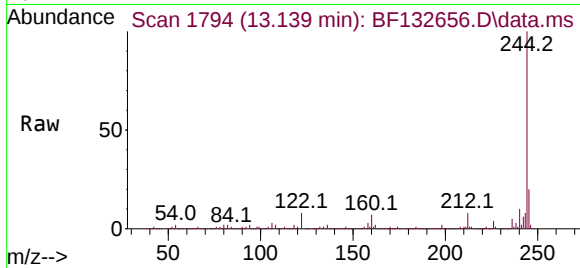
Tgt Ion:240 Resp: 349863
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 27.0 21.8 32.6



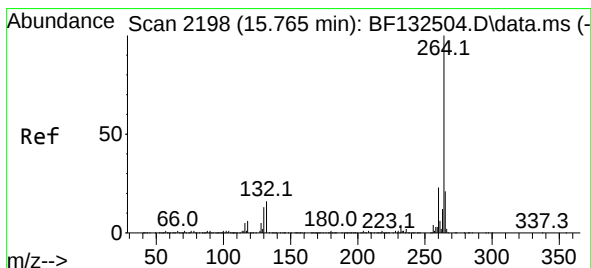
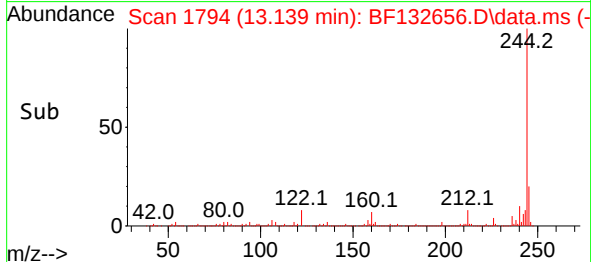
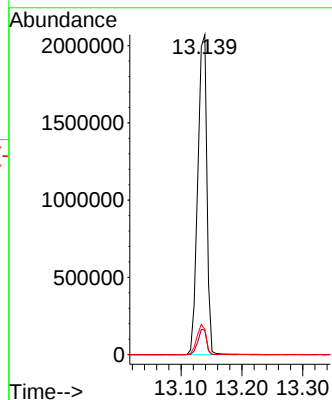


#79
 Terphenyl-d14
 Concen: 103.932 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132656.D
 Acq: 06 Mar 2023 19:09

Instrument :
 BNA_F
 ClientSampleId :
 CE-33-030123



Tgt Ion:244 Resp: 2150646
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132656.D
 Acq: 06 Mar 2023 19:09

Tgt Ion:264 Resp: 416471
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.3 17.1 25.7

