

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132655.D
 Acq On : 06 Mar 2023 18:37
 Operator : CG\JU
 Sample : 01767-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-63-030123

Quant Time: Mar 07 00:57:02 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	187232	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	717692	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	393795	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	719997	20.000	ng	0.00
76) Chrysene-d12	14.204	240	365453	20.000	ng	0.00
86) Perylene-d12	15.757	264	402841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1504496	130.413	ng	0.01
7) Phenol-d6	6.628	99	1805679	119.931	ng	0.00
23) Nitrobenzene-d5	7.563	82	1460846	96.572	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	633617	148.988	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2285993	88.391	ng	0.00
79) Terphenyl-d14	13.139	244	2529470	117.024	ng	0.00

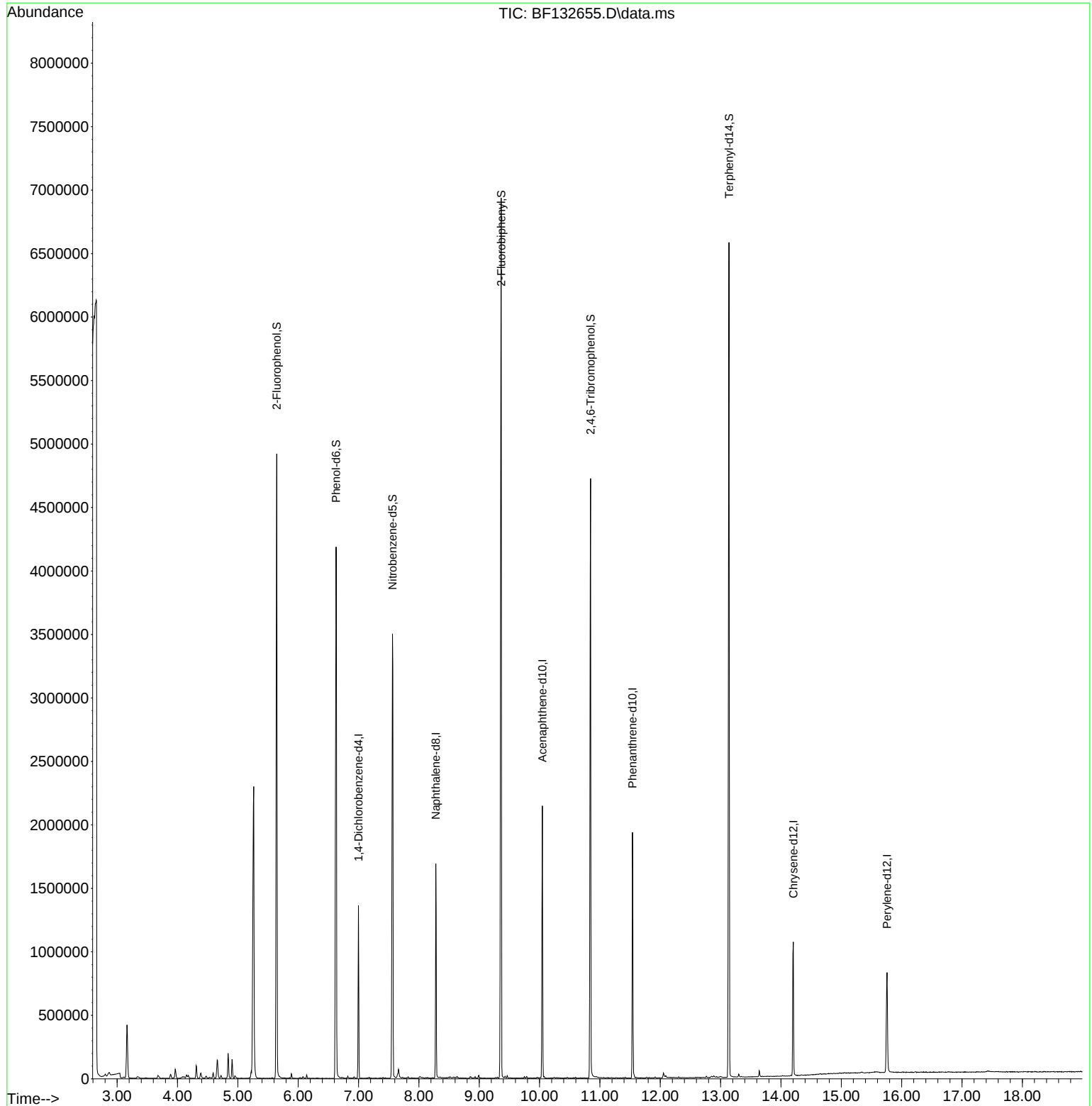
Target Compounds	Qvalue

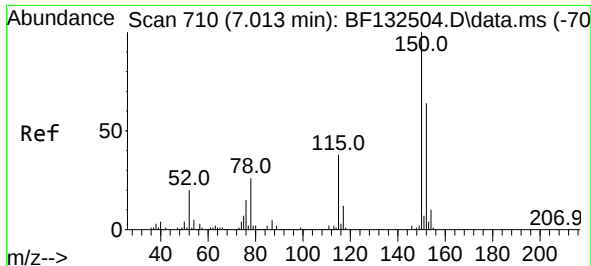
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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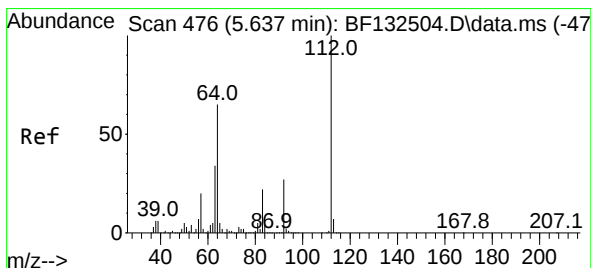
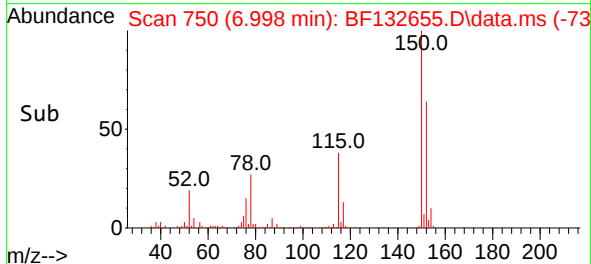
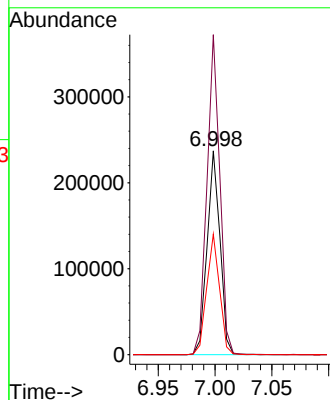
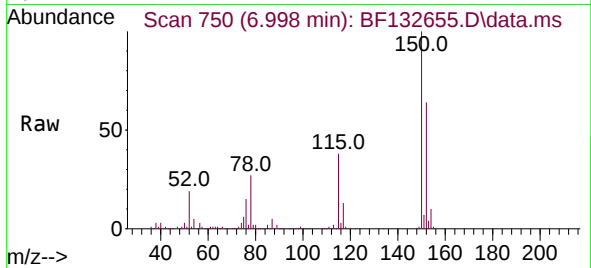




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

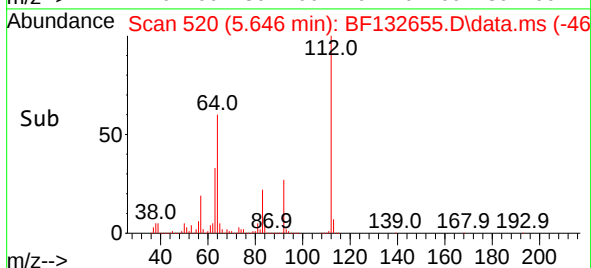
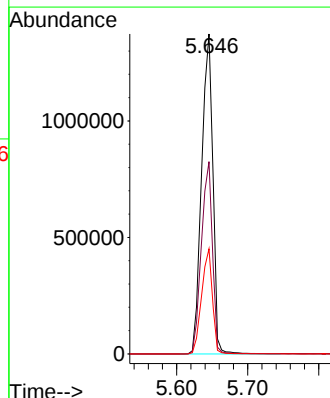
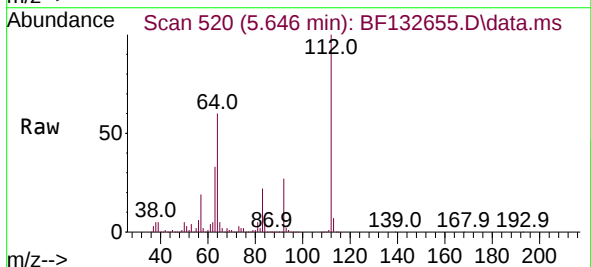
Instrument :
BNA_F
ClientSampleId :
CE-63-030123

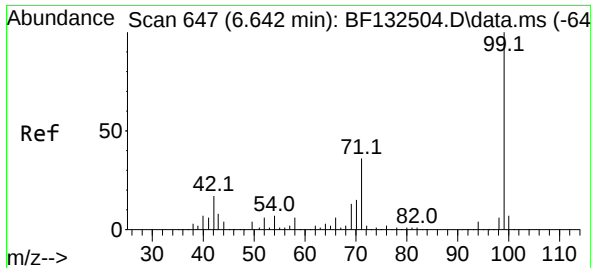
Tgt Ion:152 Resp: 187232
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.2
115 59.1 47.8 71.6



#5
2-Fluorophenol
Concen: 130.413 ng
RT: 5.646 min Scan# 520
Delta R.T. 0.015 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion:112 Resp: 1504496
Ion Ratio Lower Upper
112 100
64 60.1 51.6 77.4
63 32.8 27.4 41.2



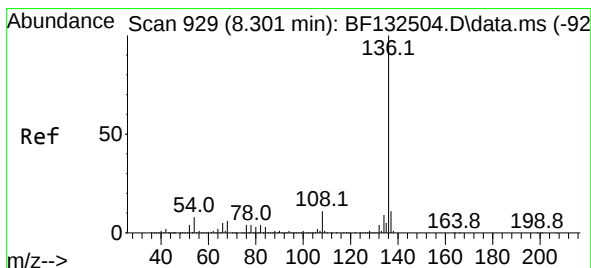
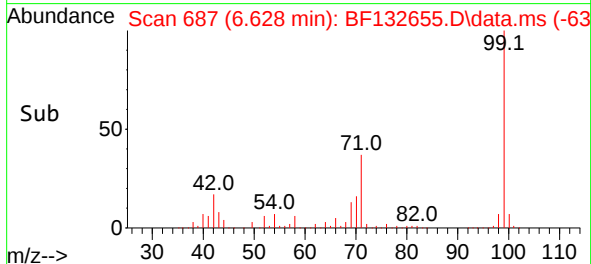
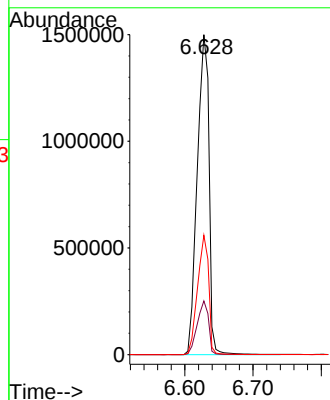
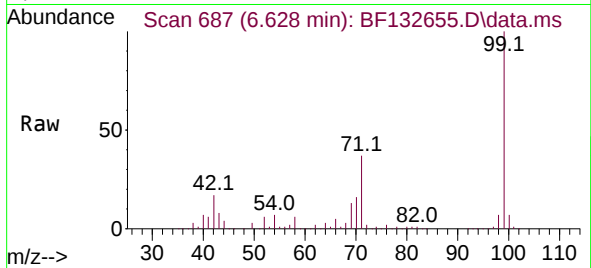


#7
Phenol-d6
Concen: 119.931 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Instrument :
BNA_F
ClientSampleId :
CE-63-030123

Tgt Ion: 99 Resp: 1805679

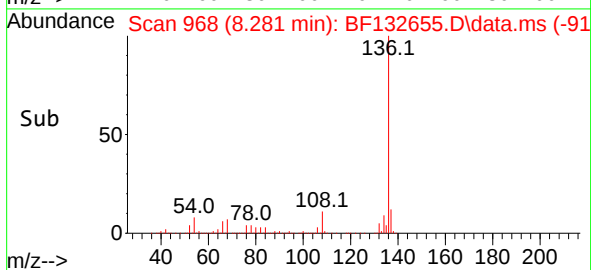
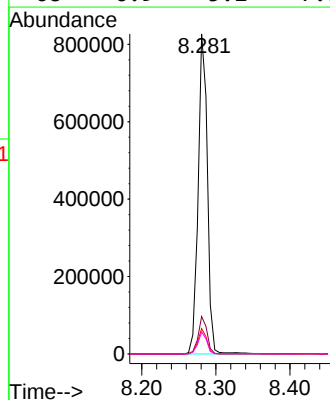
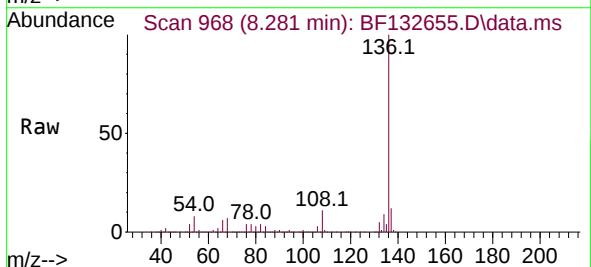
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.9	20.9
71	37.3	28.5	42.7

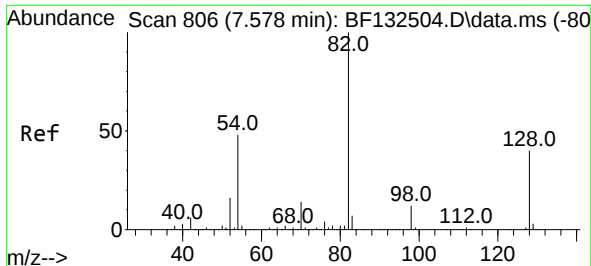


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 968
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion: 136 Resp: 717692

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	7.9	6.2	9.4
68	6.9	5.2	7.8

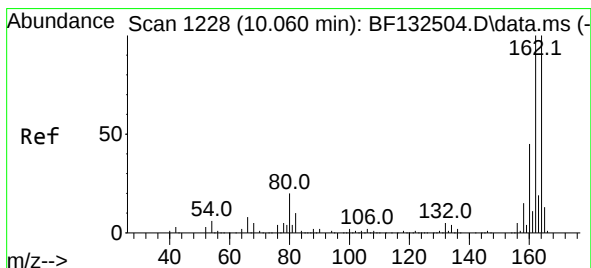
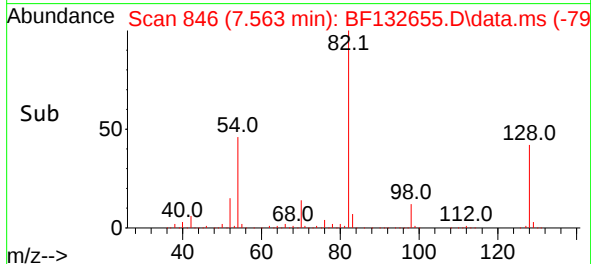
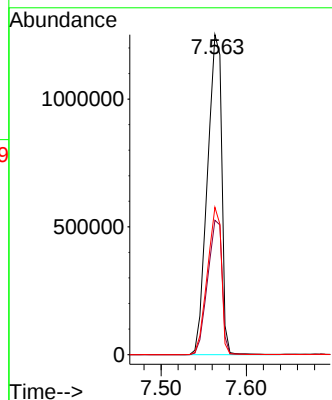
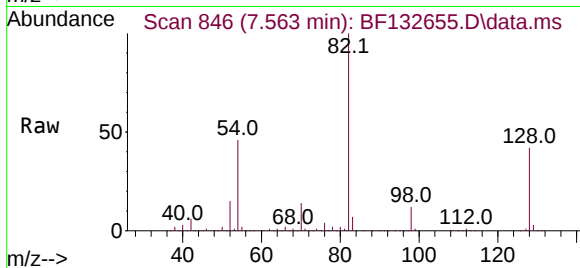




#23
Nitrobenzene-d5
Concen: 96.572 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

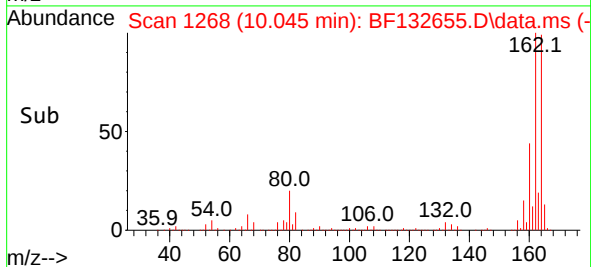
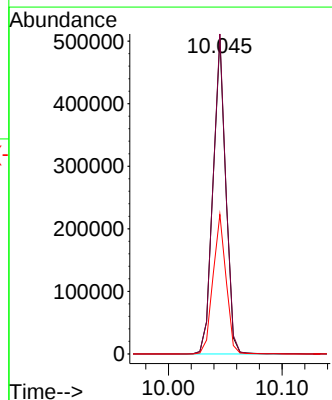
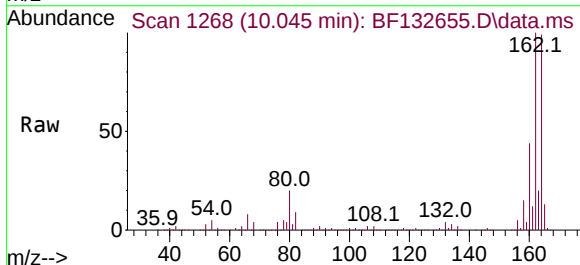
Instrument :
BNA_F
ClientSampleId :
CE-63-030123

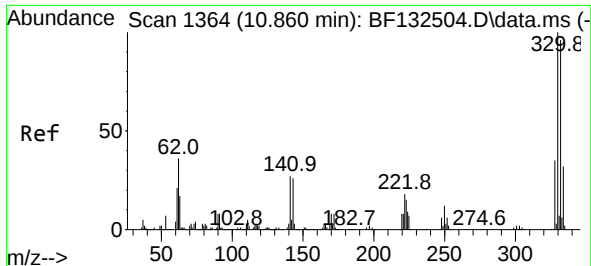
Tgt Ion: 82 Resp: 1460846
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 46.0 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion: 164 Resp: 393795
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.8
160 44.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 148.988 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132655.D

Acq: 06 Mar 2023 18:37

Instrument :

BNA_F

ClientSampleId :

CE-63-030123

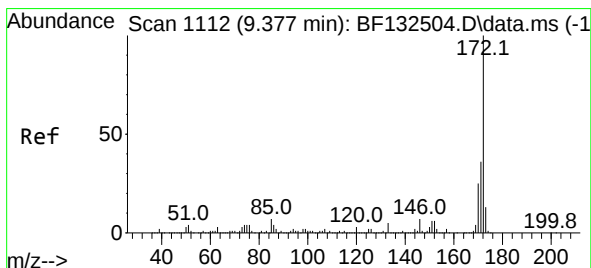
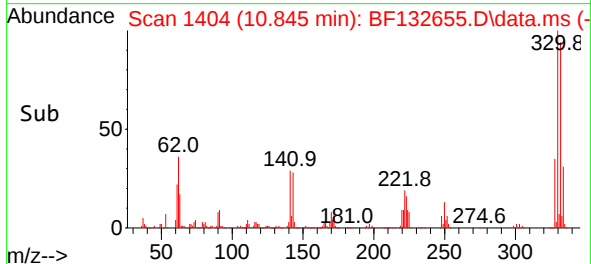
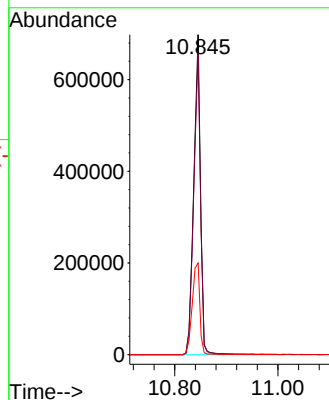
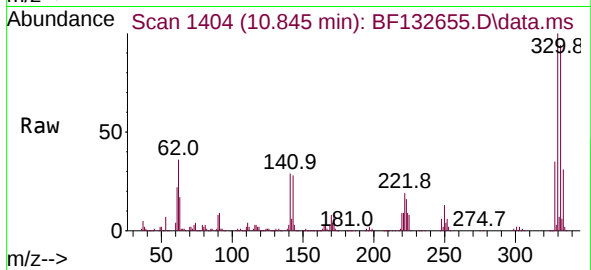
Tgt Ion:330 Resp: 633617

Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.4

141 32.2 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 88.391 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132655.D

Acq: 06 Mar 2023 18:37

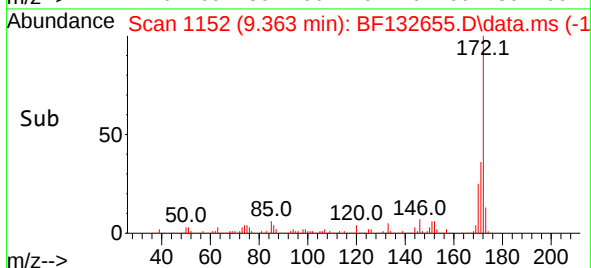
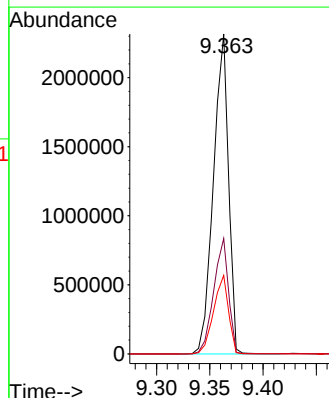
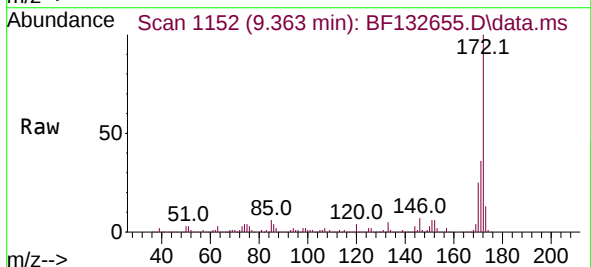
Tgt Ion:172 Resp: 2285993

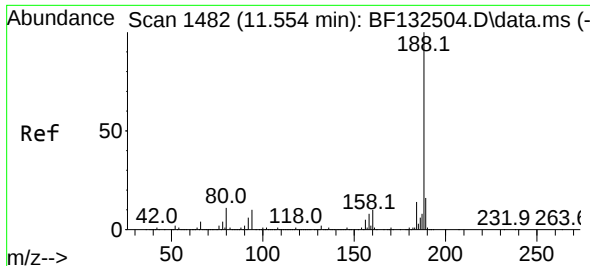
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.5 19.7 29.5

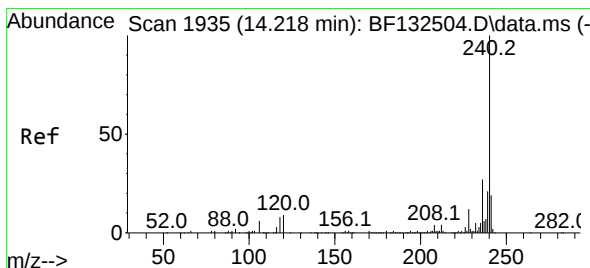
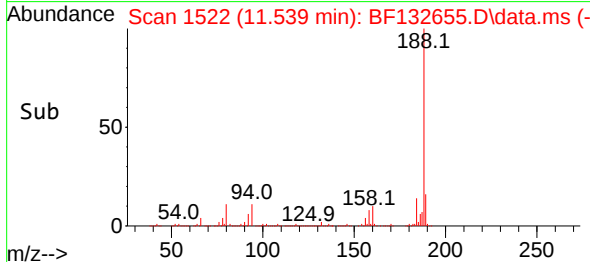
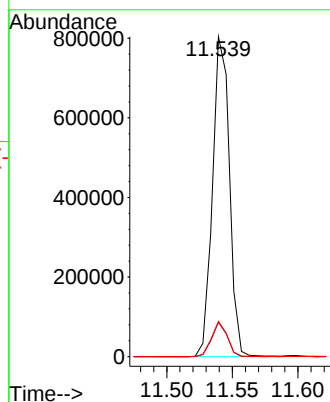
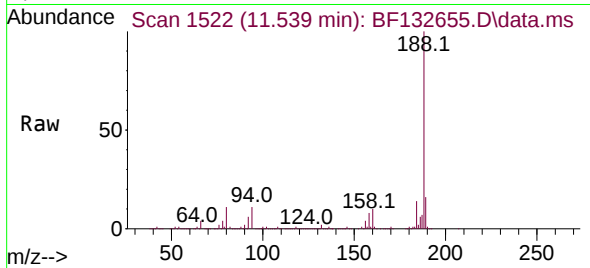




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

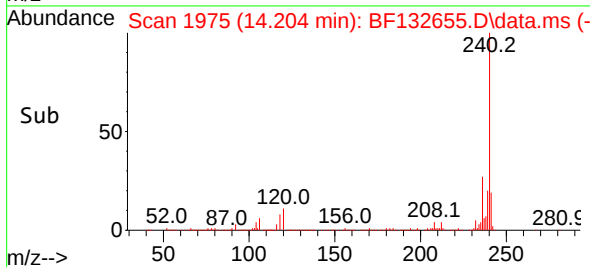
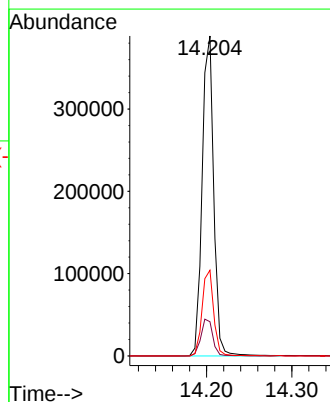
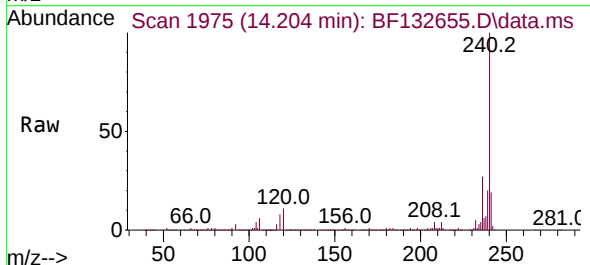
Instrument :
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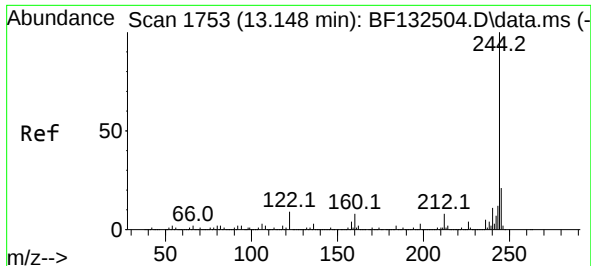
Tgt Ion:188 Resp: 719997
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

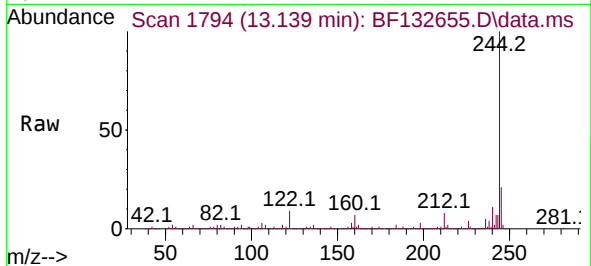
Tgt Ion:240 Resp: 365453
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 26.8 21.8 32.6



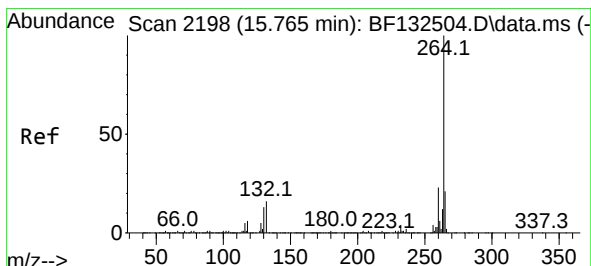
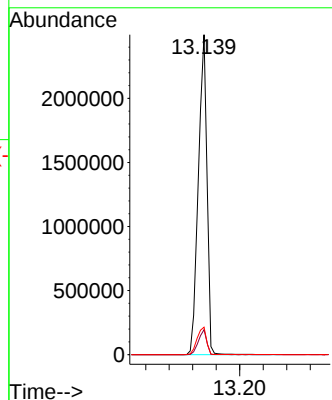
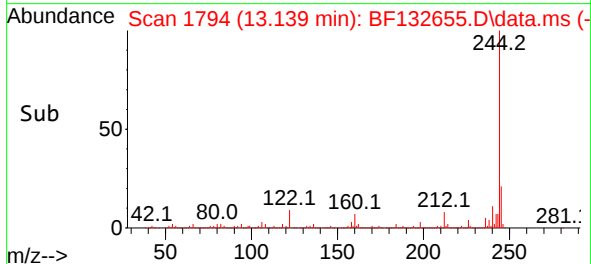


#79
 Terphenyl-d14
 Concen: 117.024 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132655.D
 Acq: 06 Mar 2023 18:37

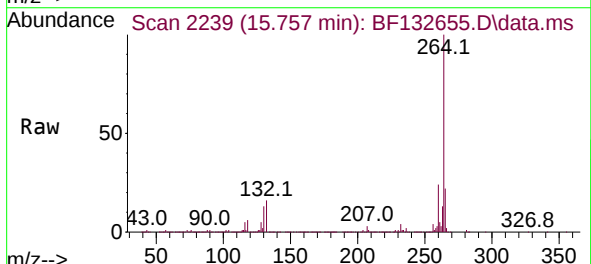
Instrument :
 BNA_F
 ClientSampleId :
 CE-63-030123



Tgt Ion:244 Resp: 2529470
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.6 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: BF132655.D
 Acq: 06 Mar 2023 18:37



Tgt Ion:264 Resp: 402841
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.1 17.1 25.7

