

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132654.D
 Acq On : 06 Mar 2023 18:05
 Operator : CG\JU
 Sample : 01767-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-54-030123

Quant Time: Mar 07 00:56:44 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)

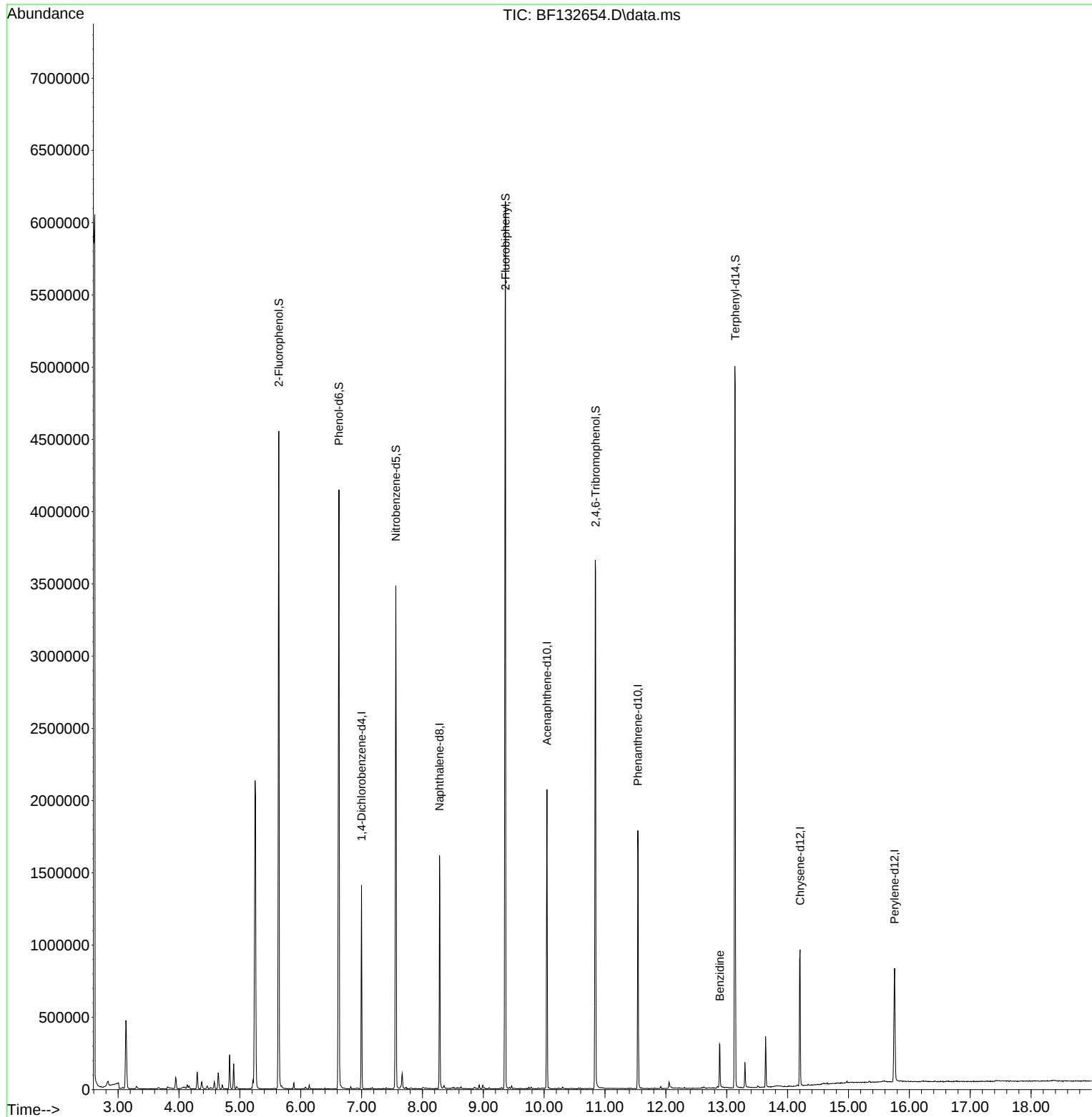
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	191424	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	708658	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	379106	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	677695	20.000	ng	0.00
76) Chrysene-d12	14.204	240	333981	20.000	ng	0.00
86) Perylene-d12	15.757	264	391278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1373462	116.448	ng	0.00
7) Phenol-d6	6.628	99	1622333	105.394	ng	0.00
23) Nitrobenzene-d5	7.563	82	1253414	83.916	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	511011	124.814	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1951992	78.401	ng	0.00
79) Terphenyl-d14	13.139	244	2012067	101.859	ng	0.00
Target Compounds						
77) Benzidine	12.886	184	132544	16.303	ng	Qvalue 98

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

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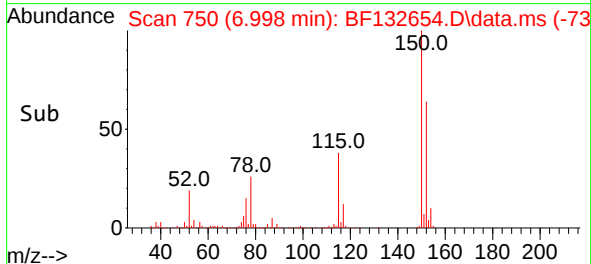
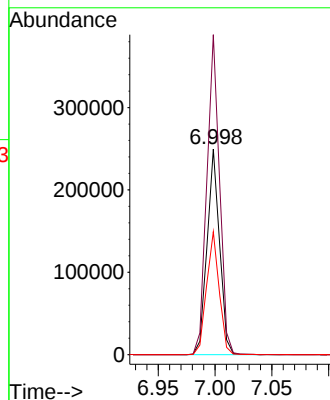
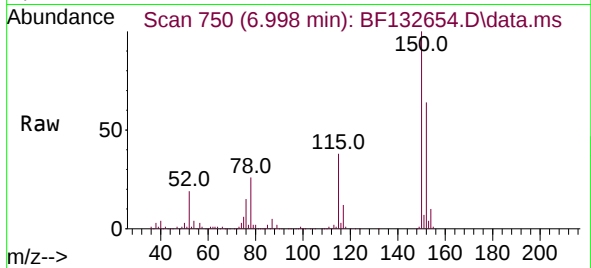




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

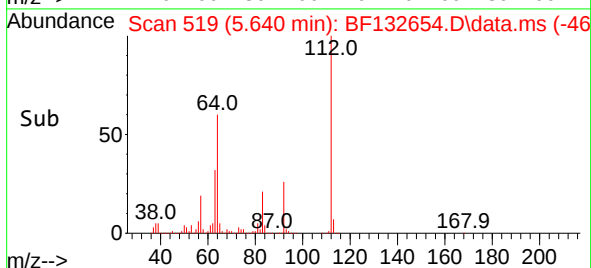
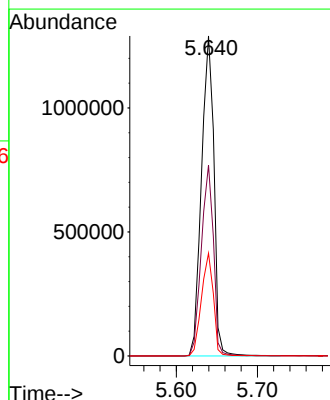
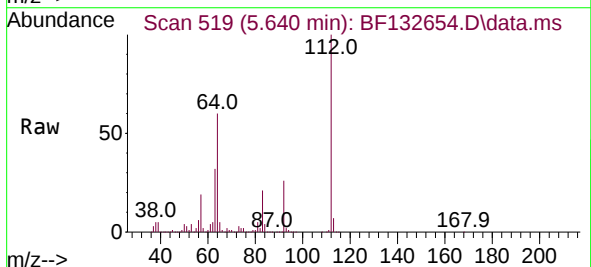
Instrument :
BNA_F
ClientSampleId :
CE-54-030123

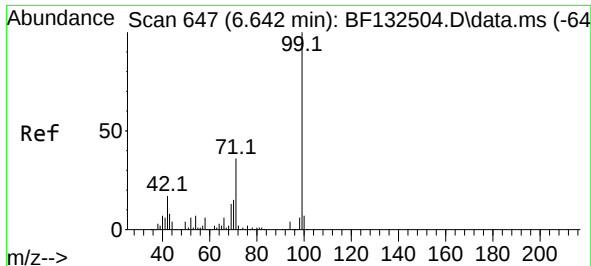
Tgt Ion:152 Resp: 191424
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.2
115 59.7 47.8 71.6



#5
2-Fluorophenol
Concen: 116.448 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:112 Resp: 1373462
Ion Ratio Lower Upper
112 100
64 59.6 51.6 77.4
63 32.1 27.4 41.2

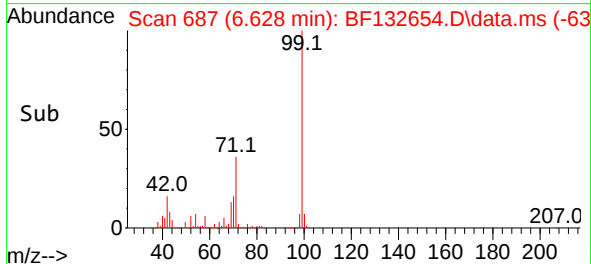
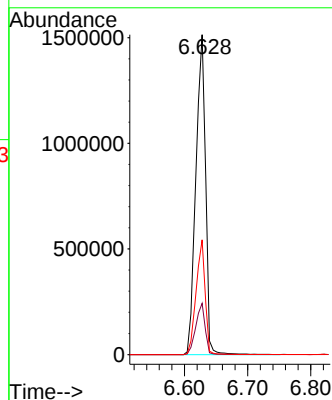
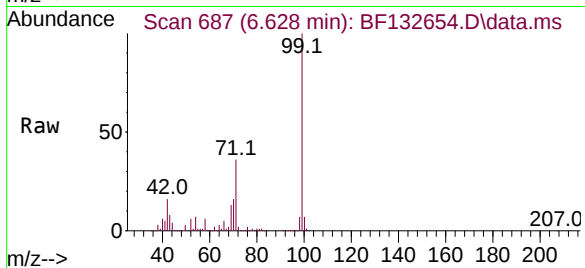




#7
Phenol-d6
Concen: 105.394 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

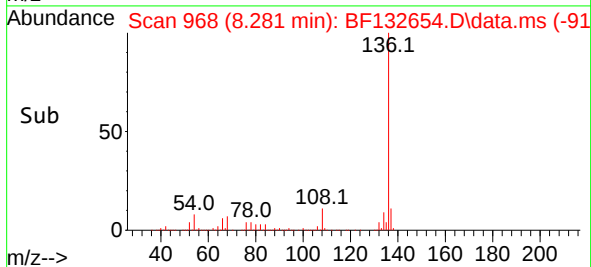
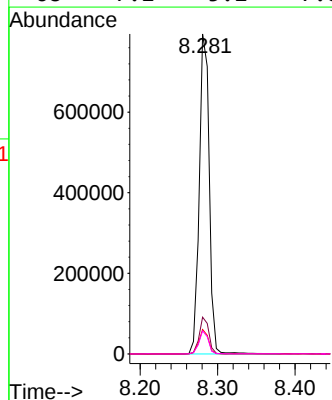
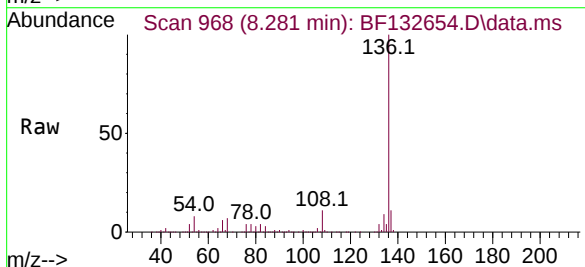
Instrument :
BNA_F
ClientSampleId :
CE-54-030123

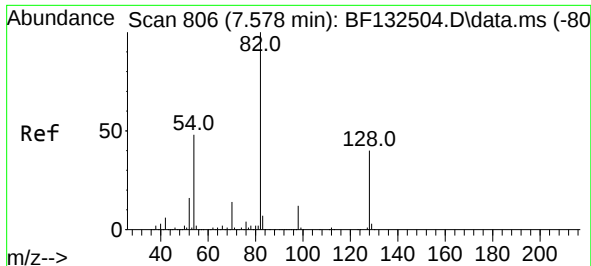
Tgt Ion: 99 Resp: 1622333
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 35.9 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 968
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

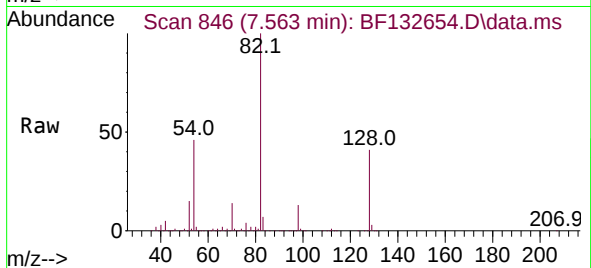
Tgt Ion: 136 Resp: 708658
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.7 6.2 9.4
68 7.2 5.2 7.8





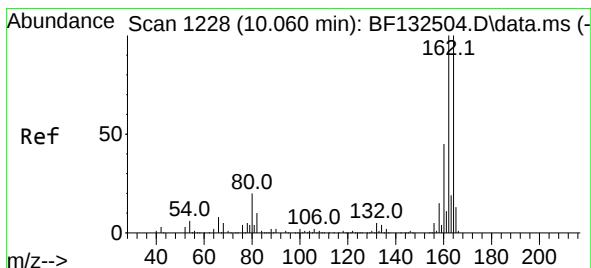
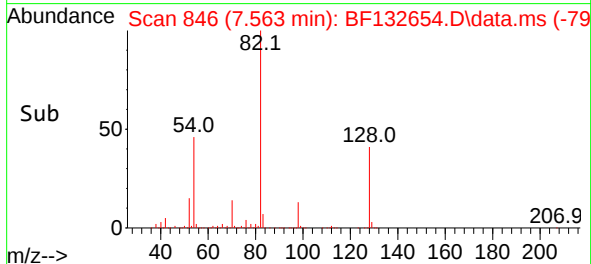
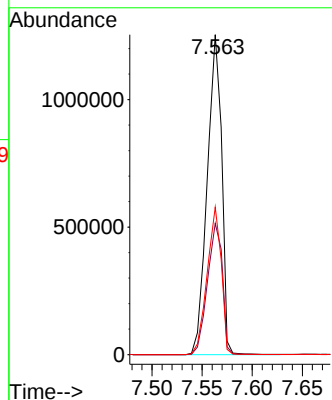
#23
Nitrobenzene-d5
Concen: 83.916 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Instrument :
BNA_F
ClientSampleId :
CE-54-030123



Tgt Ion: 82 Resp: 1253414

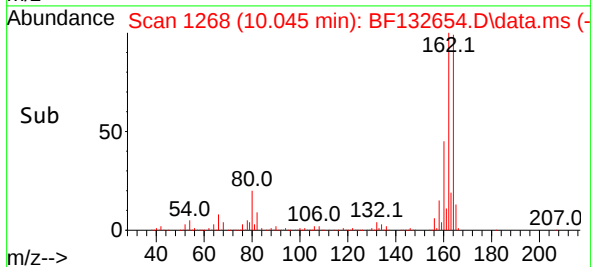
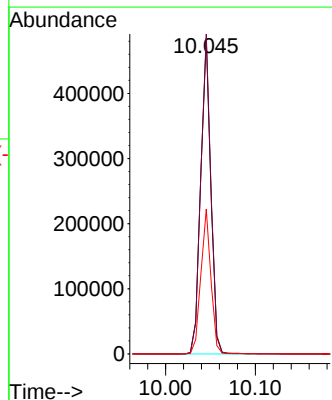
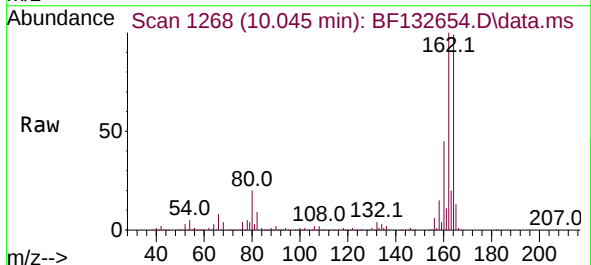
Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.2	48.2
54	46.1	38.4	57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion: 164 Resp: 379106

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.8	119.8
160	45.8	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 124.814 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132654.D

Acq: 06 Mar 2023 18:05

Instrument :

BNA_F

ClientSampleId :

CE-54-030123

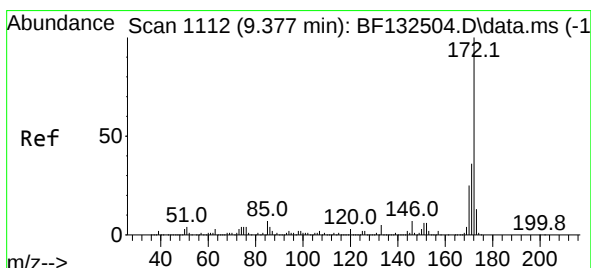
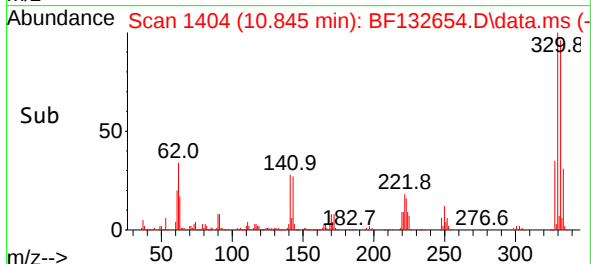
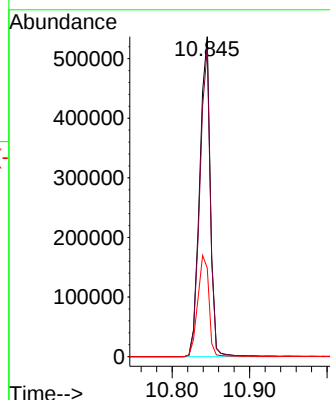
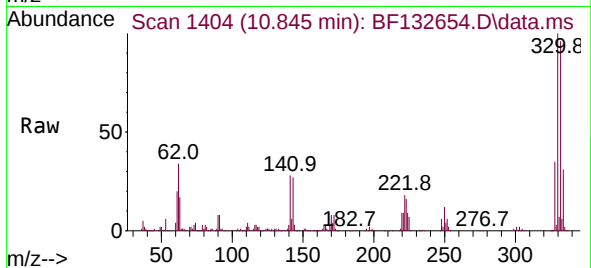
Tgt Ion:330 Resp: 511011

Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

141 33.2 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 78.401 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132654.D

Acq: 06 Mar 2023 18:05

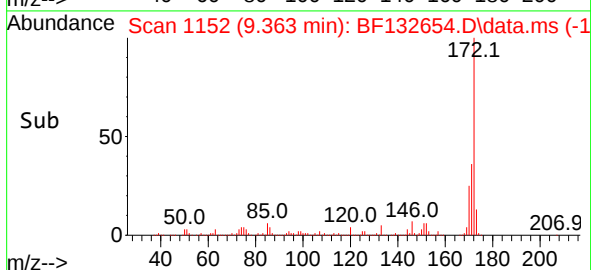
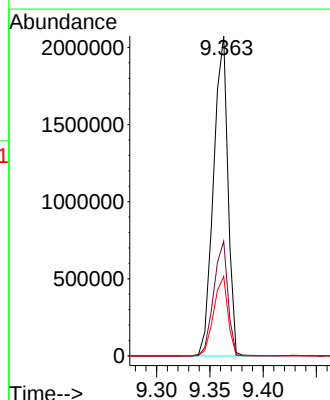
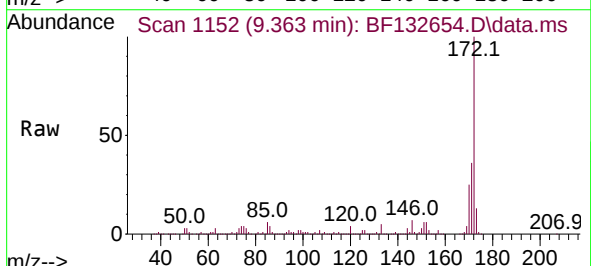
Tgt Ion:172 Resp: 1951992

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.8 19.7 29.5

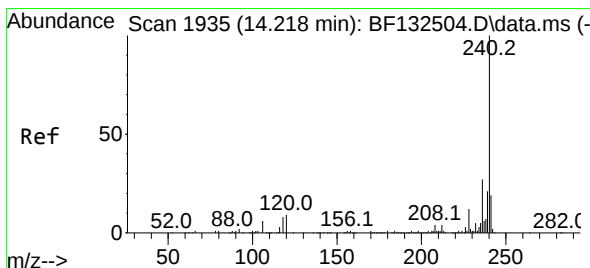
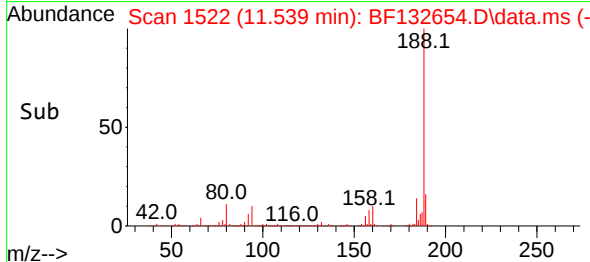
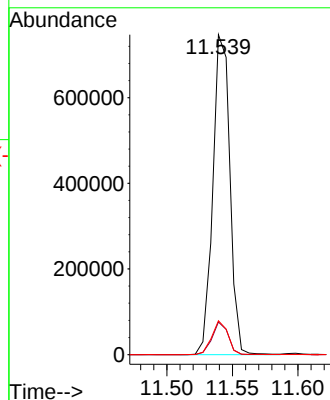
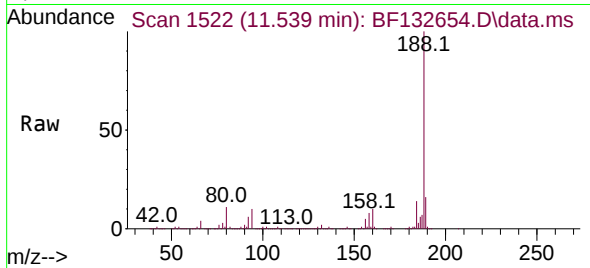




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

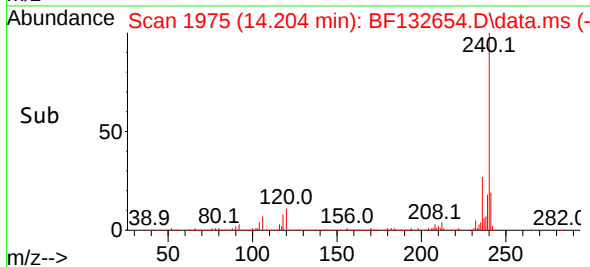
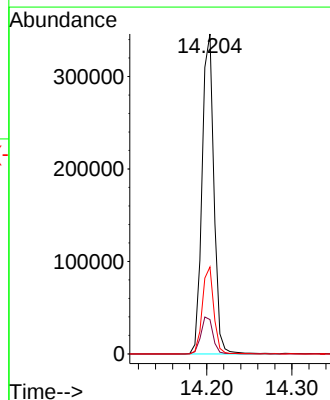
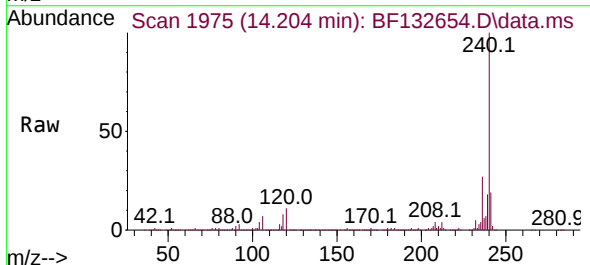
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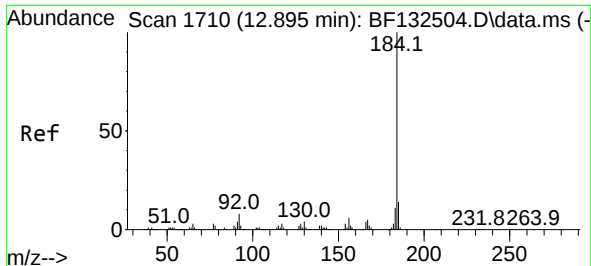
Tgt Ion:188 Resp: 677695
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:240 Resp: 333981
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 27.2 21.8 32.6

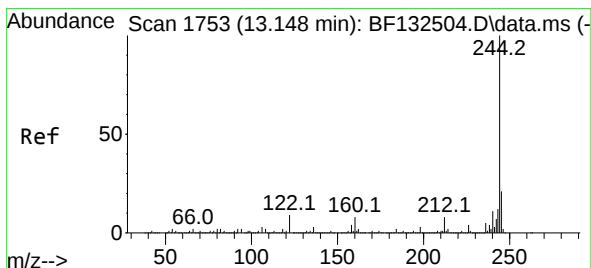
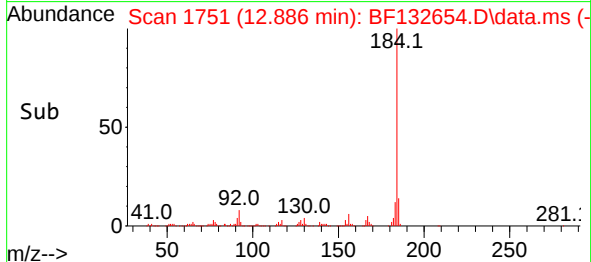
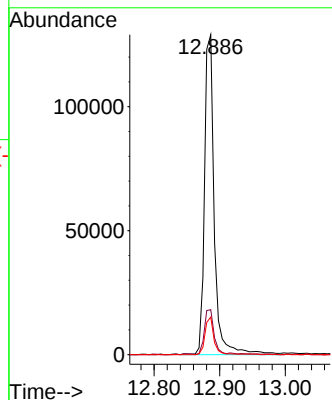
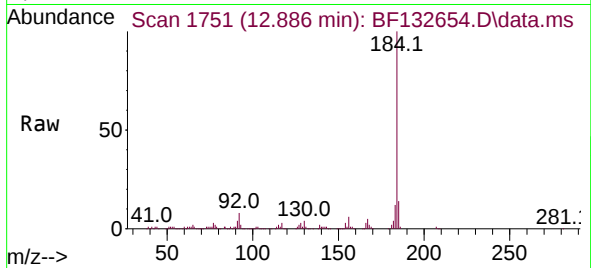




#77
Benzidine
Concen: 16.303 ng
RT: 12.886 min Scan# 1794
Delta R.T. 0.003 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

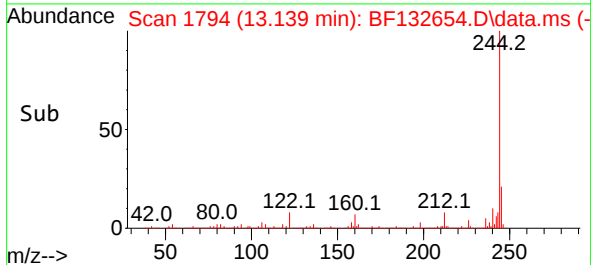
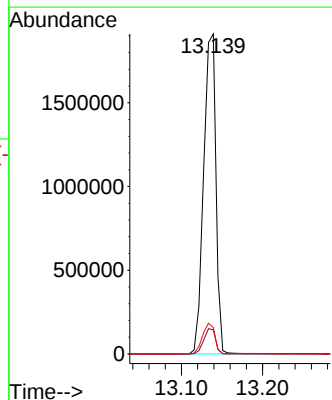
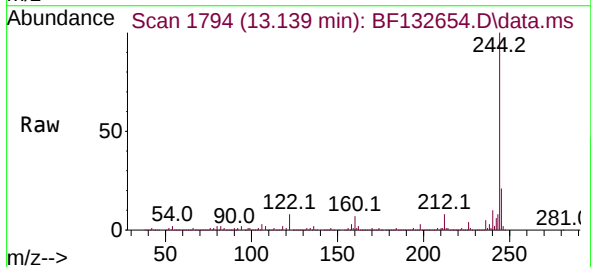
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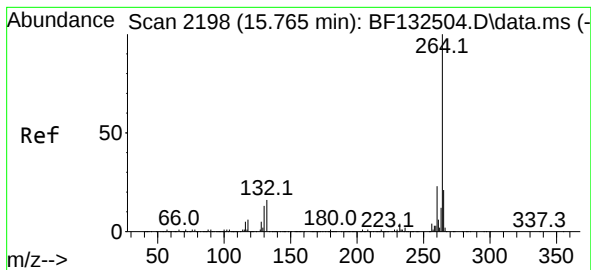
Tgt Ion:184 Resp: 132544
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.7 8.7 13.1



#79
Terphenyl-d14
Concen: 101.859 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Tgt Ion:244 Resp: 2012067
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 8.2 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: BF132654.D
Acq: 06 Mar 2023 18:05

Instrument :
BNA_F
ClientSampleId :
CE-54-030123

Tgt Ion:264 Resp: 391278

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.7	17.1	25.7

