

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132647.D
 Acq On : 06 Mar 2023 13:37
 Operator : CG\JU
 Sample : 01770-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Mar 07 00:53:39 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)

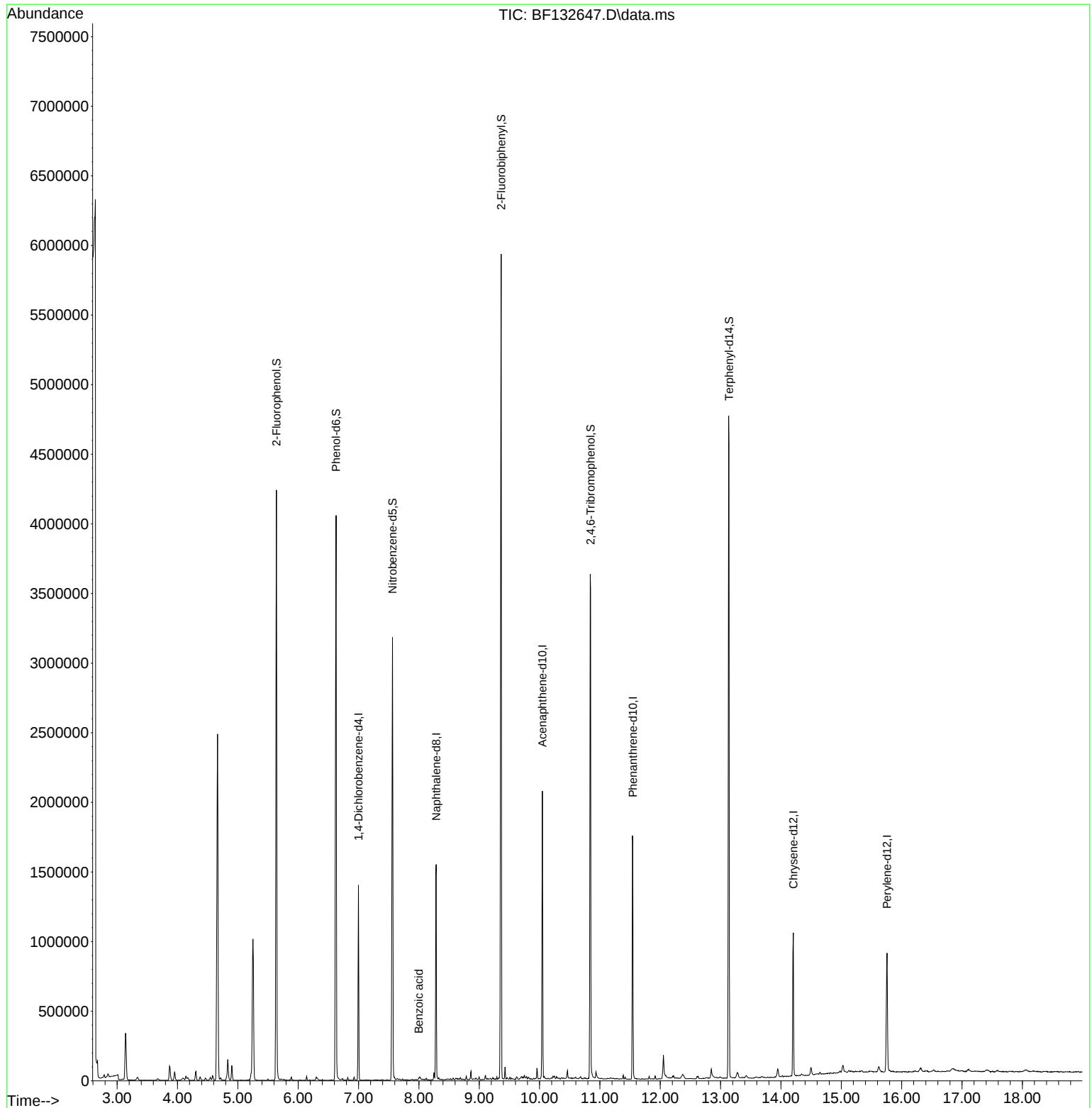
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	196790	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	722259	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	381628	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	692356	20.000	ng	0.00
76) Chrysene-d12	14.204	240	343433	20.000	ng	0.00
86) Perylene-d12	15.757	264	401142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1302587	107.427	ng	0.00
7) Phenol-d6	6.628	99	1573278	99.420	ng	0.00
23) Nitrobenzene-d5	7.563	82	1219751	80.124	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	505463	122.643	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1902499	75.908	ng	0.00
79) Terphenyl-d14	13.139	244	1889740	93.033	ng	0.00
Target Compounds						
32) Benzoic acid	7.998	122	5760	4.429	ng	Qvalue 91

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

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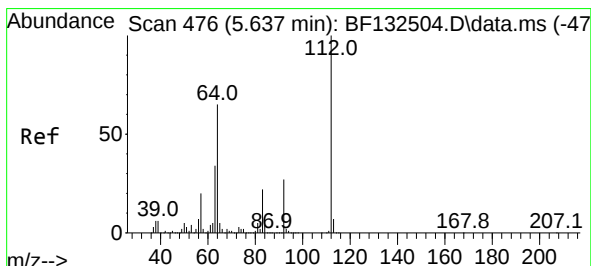
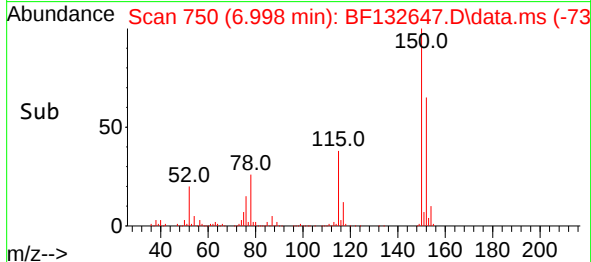
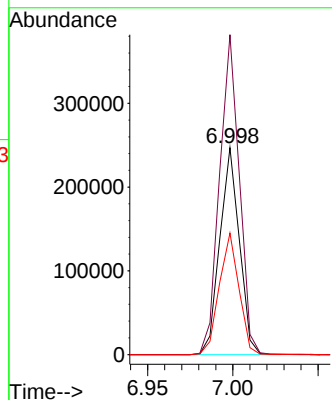
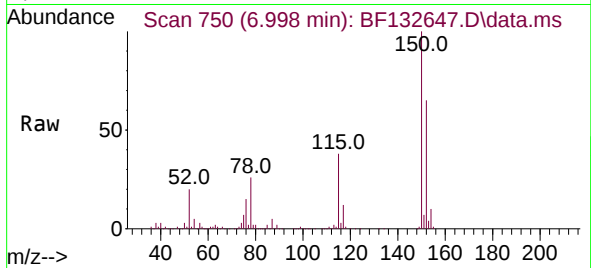




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan# 710
 Delta R.T. -0.009 min
 Lab File: BF132647.D
 Acq: 06 Mar 2023 13:37

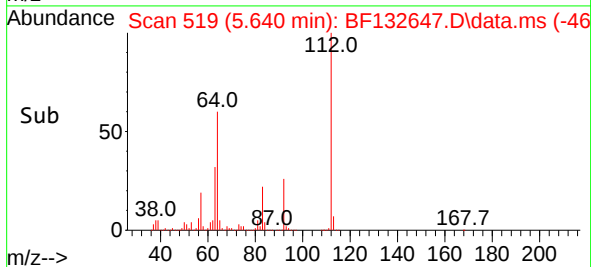
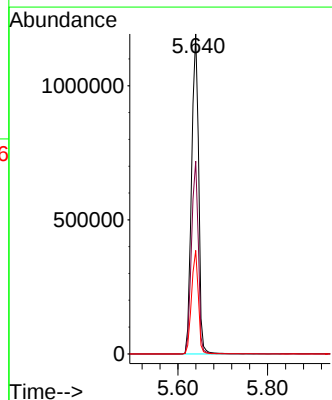
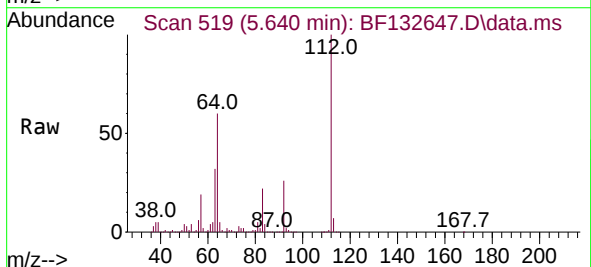
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

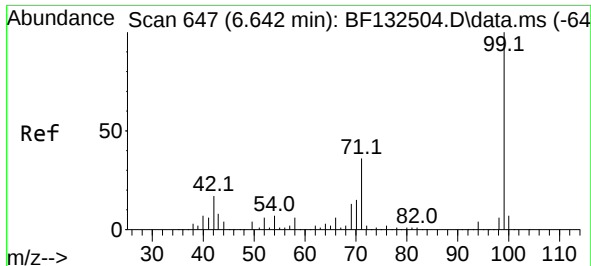
Tgt Ion:152 Resp: 196790
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.4 188.2
 115 58.7 47.8 71.6



#5
 2-Fluorophenol
 Concen: 107.427 ng
 RT: 5.640 min Scan# 519
 Delta R.T. 0.009 min
 Lab File: BF132647.D
 Acq: 06 Mar 2023 13:37

Tgt Ion:112 Resp: 1302587
 Ion Ratio Lower Upper
 112 100
 64 60.2 51.6 77.4
 63 32.3 27.4 41.2



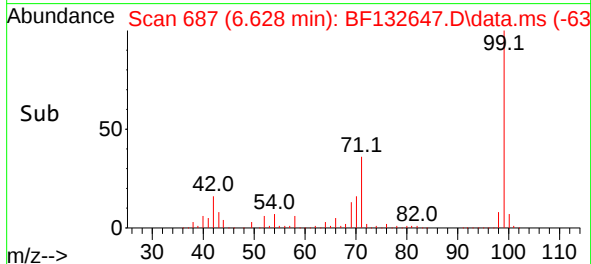
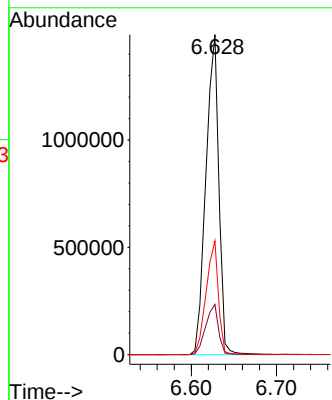
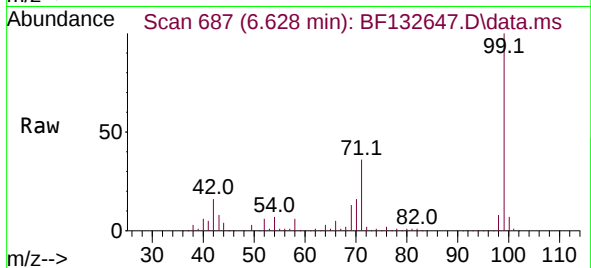


#7
Phenol-d6
Concen: 99.420 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tgt Ion: 99 Resp: 1573278

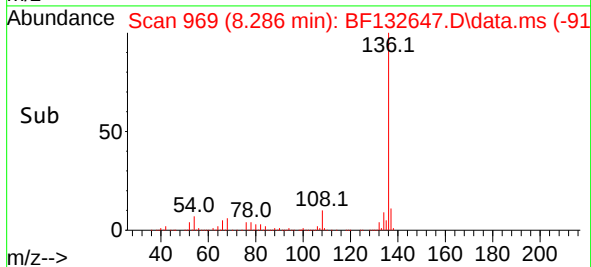
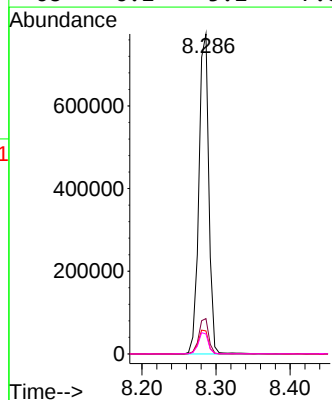
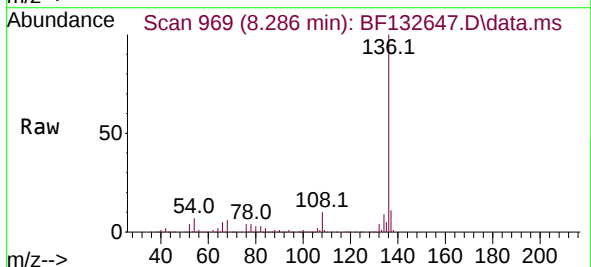
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.9	20.9
71	35.6	28.5	42.7

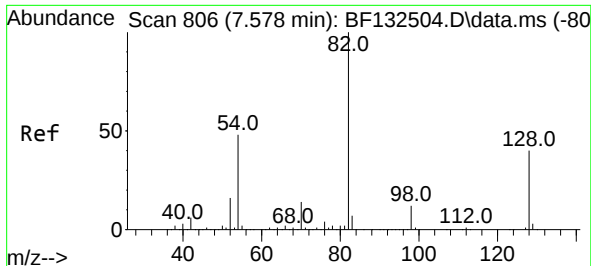


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion: 136 Resp: 722259

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.2	9.4
68	6.2	5.2	7.8





#23

Nitrobenzene-d5

Concen: 80.124 ng

RT: 7.563 min Scan# 84

Delta R.T. -0.009 min

Lab File: BF132647.D

Acq: 06 Mar 2023 13:37

Instrument :

BNA_F

ClientSampleId :

VNJ-223

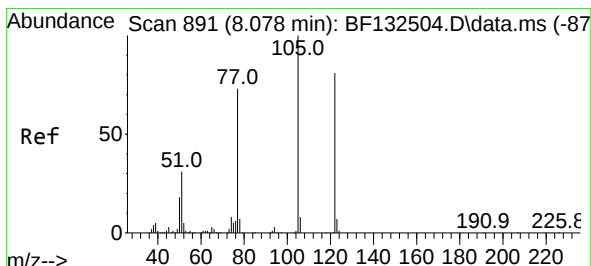
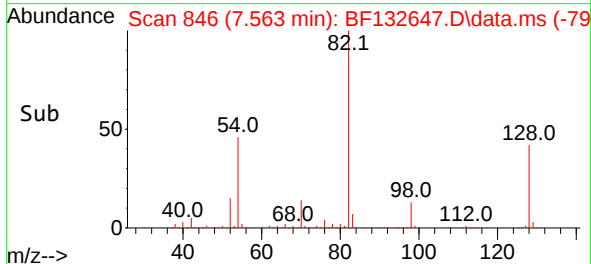
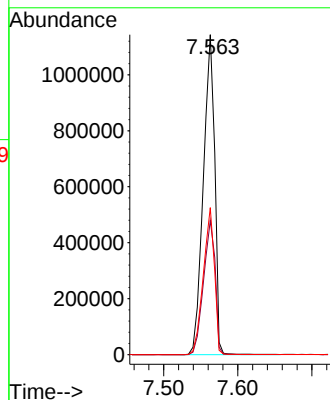
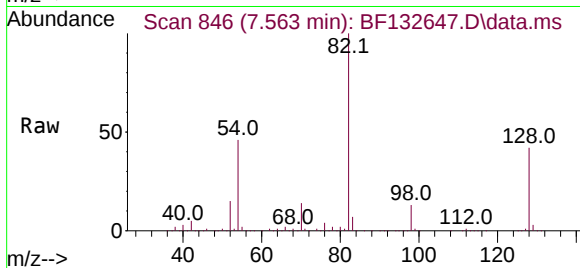
Tgt Ion: 82 Resp: 1219751

Ion Ratio Lower Upper

82 100

128 41.9 32.2 48.2

54 45.9 38.4 57.6



#32

Benzoic acid

Concen: 4.429 ng

RT: 7.998 min Scan# 920

Delta R.T. -0.068 min

Lab File: BF132647.D

Acq: 06 Mar 2023 13:37

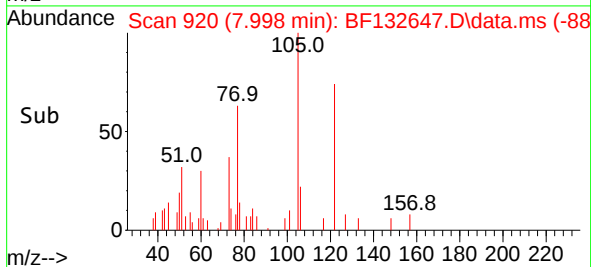
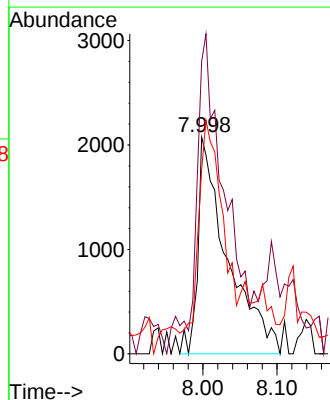
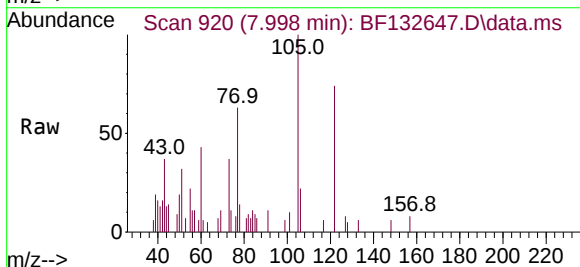
Tgt Ion:122 Resp: 5760

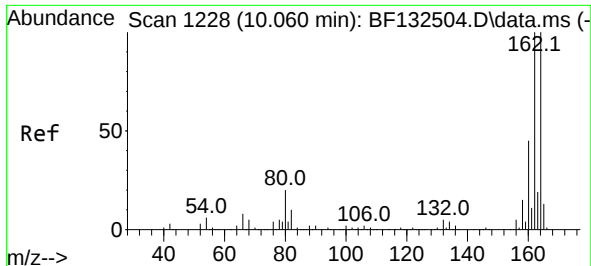
Ion Ratio Lower Upper

122 100

105 134.8 102.6 142.6

77 84.9 70.2 110.2

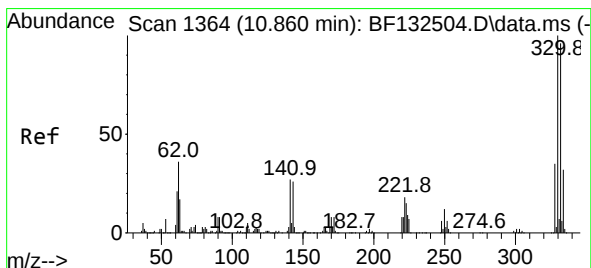
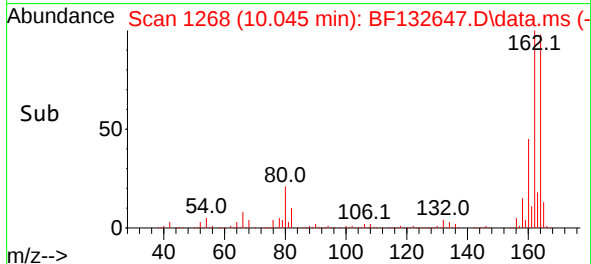
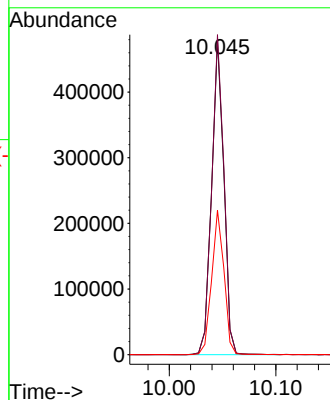
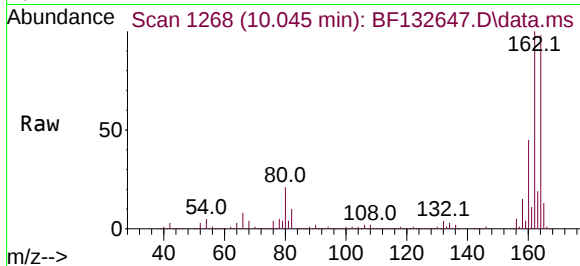




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1404
Delta R.T. -0.009 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

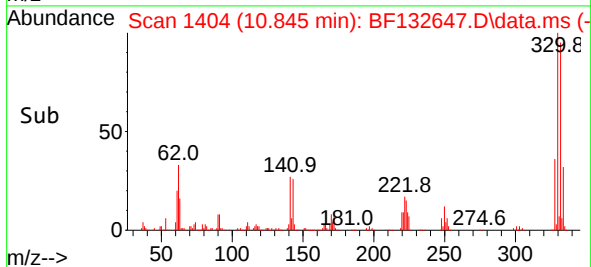
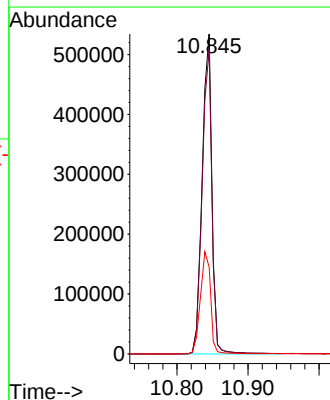
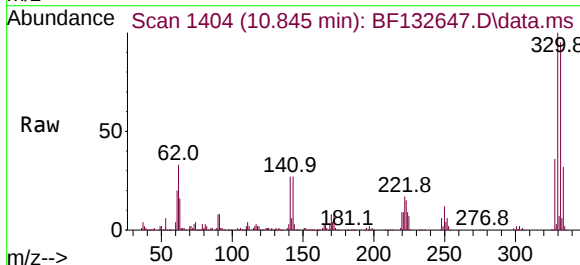
Instrument :
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VNJ-223

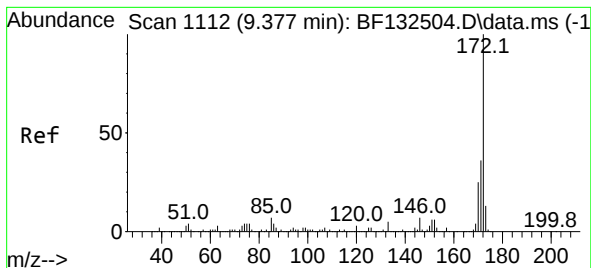
Tgt Ion:164 Resp: 381628
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.8
160 45.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 122.643 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132647.D
Acq: 06 Mar 2023 13:37

Tgt Ion:330 Resp: 505463
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.5 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 75.908 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132647.D

Acq: 06 Mar 2023 13:37

Instrument :

BNA_F

ClientSampleId :

VNJ-223

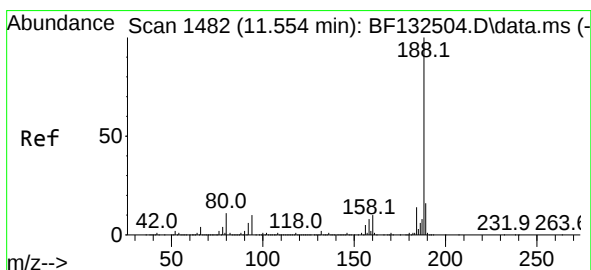
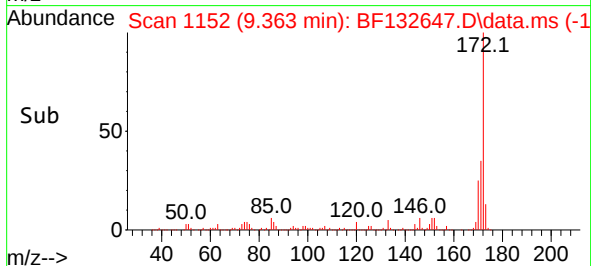
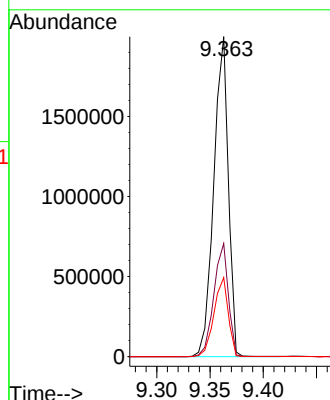
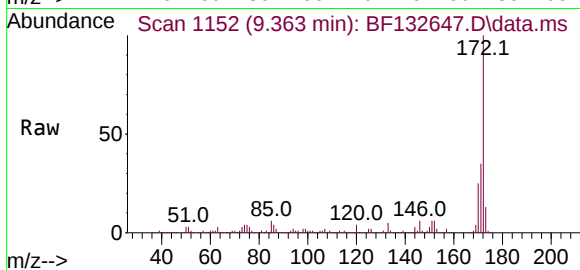
Tgt Ion:172 Resp: 1902499

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.7 19.7 29.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1523

Delta R.T. -0.003 min

Lab File: BF132647.D

Acq: 06 Mar 2023 13:37

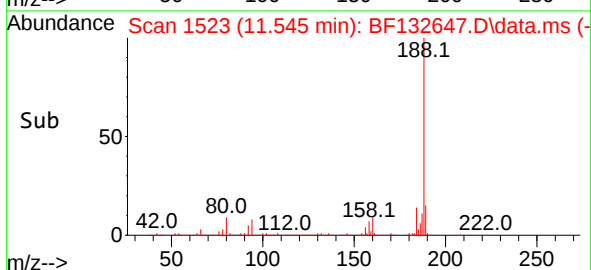
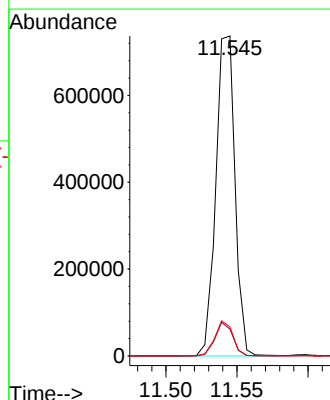
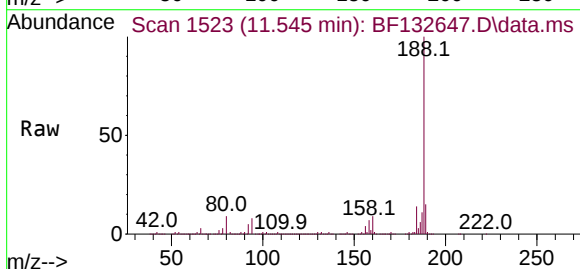
Tgt Ion:188 Resp: 692356

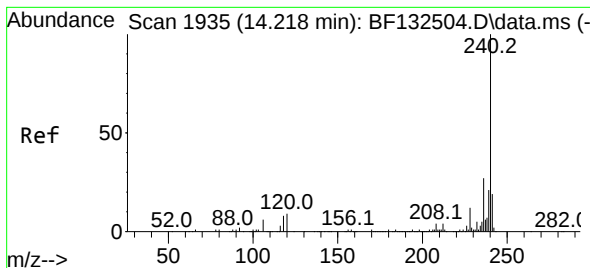
Ion Ratio Lower Upper

188 100

94 8.4 8.3 12.5

80 9.0 8.7 13.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.204 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BF132647.D

Acq: 06 Mar 2023 13:37

Instrument :

BNA_F

ClientSampleId :

VNJ-223

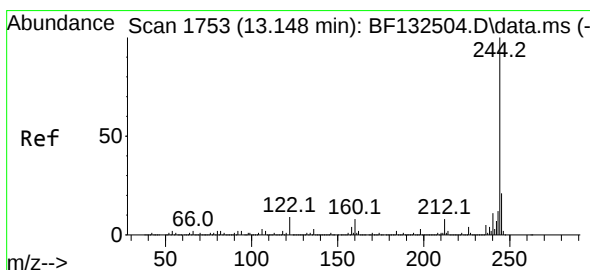
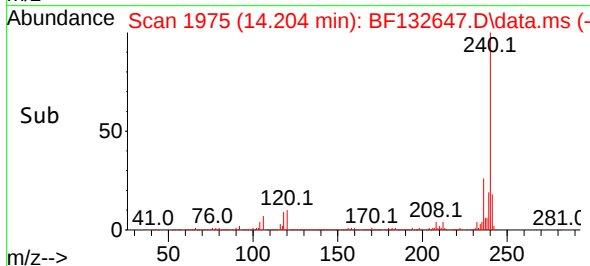
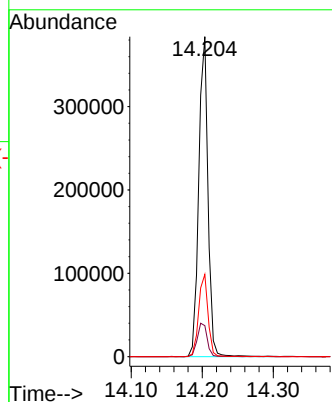
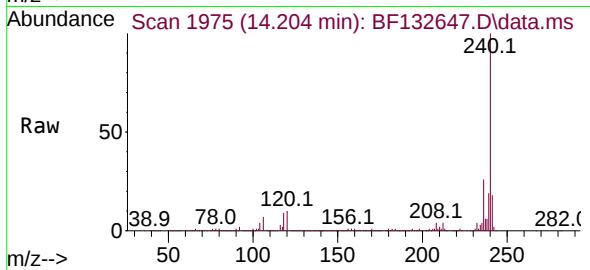
Tgt Ion:240 Resp: 343433

Ion Ratio Lower Upper

240 100

120 9.7 7.2 10.8

236 25.7 21.8 32.6



#79

Terphenyl-d14

Concen: 93.033 ng

RT: 13.139 min Scan# 1794

Delta R.T. -0.003 min

Lab File: BF132647.D

Acq: 06 Mar 2023 13:37

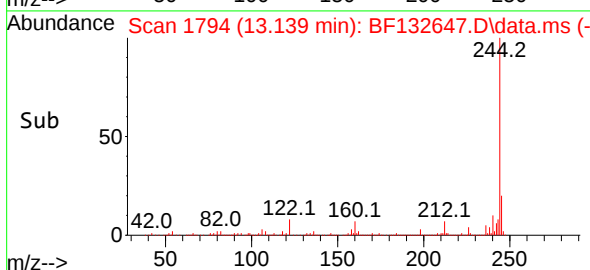
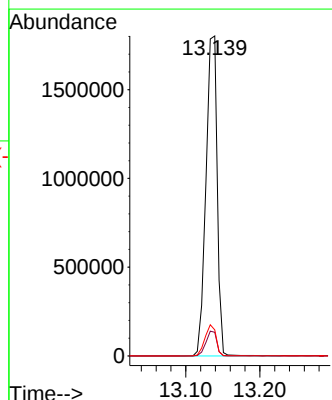
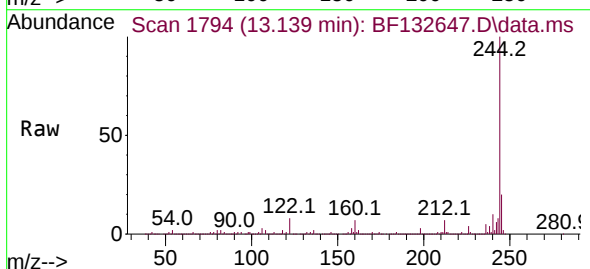
Tgt Ion:244 Resp: 1889740

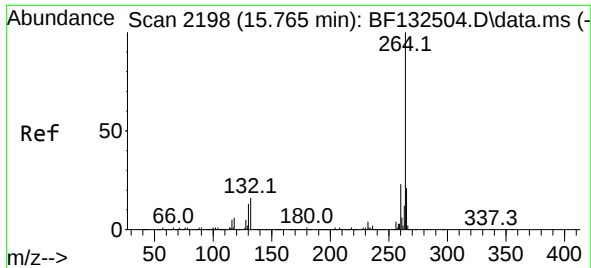
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.1 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: BF132647.D
Acq: 06 Mar 2023 13:37

Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tgt Ion:264 Resp: 401142
Ion Ratio Lower Upper
264 100
260 24.8 18.8 28.2
265 21.3 17.1 25.7

