

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132772.D
 Acq On : 13 Mar 2023 21:32
 Operator : CG\JU
 Sample : 01874-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Quant Time: Mar 14 01:35:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	193128	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	758176	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	440463	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	812474	20.000	ng	0.00
76) Chrysene-d12	14.157	240	431696	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	442327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	482819	40.574	ng	0.00
7) Phenol-d6	6.598	99	1136578	73.185	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1017945	63.700	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	68123	14.321	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1882917	65.092	ng	0.00
79) Terphenyl-d14	13.098	244	2269203	88.874	ng	0.00

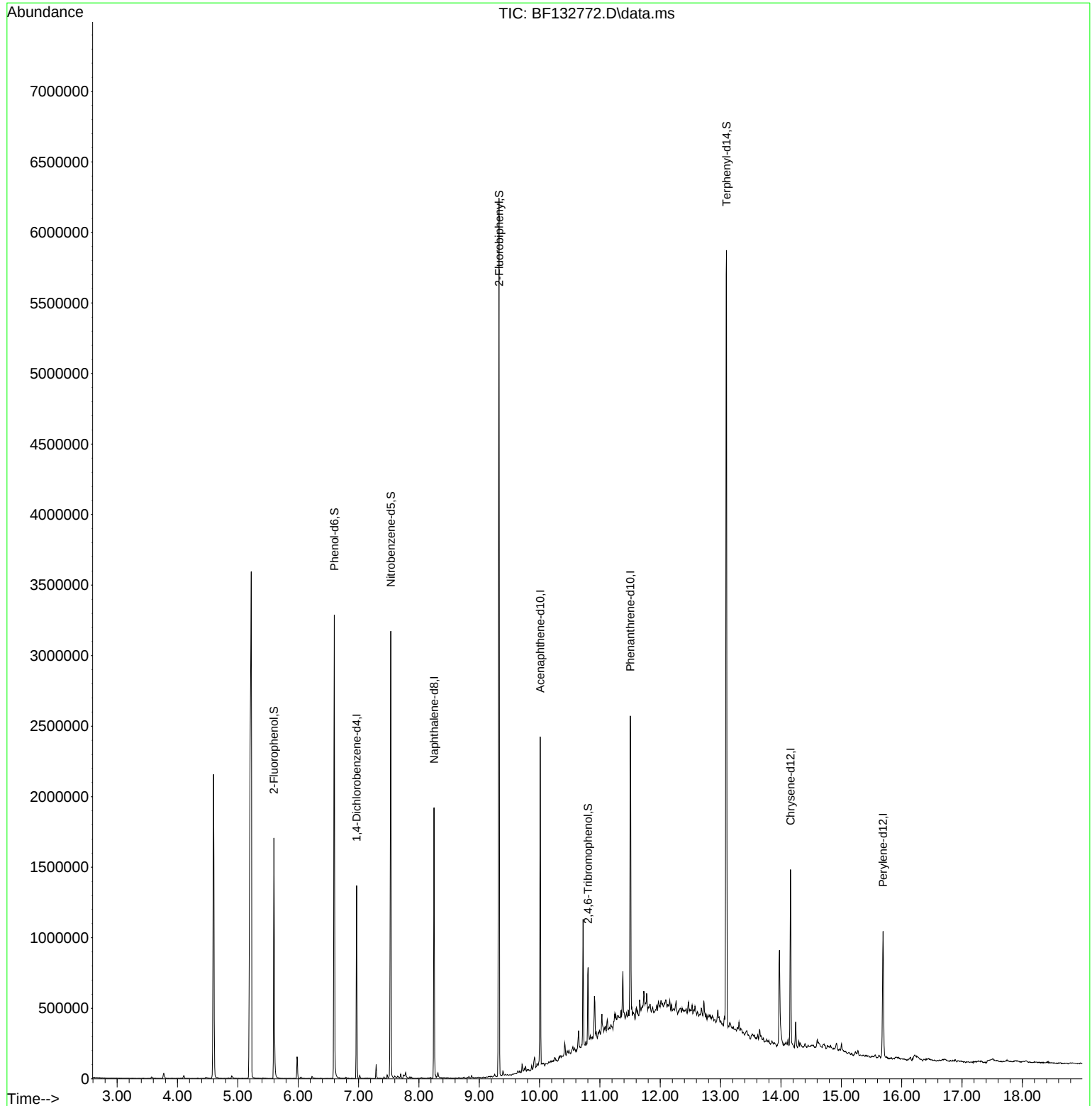
Target Compounds Qvalue

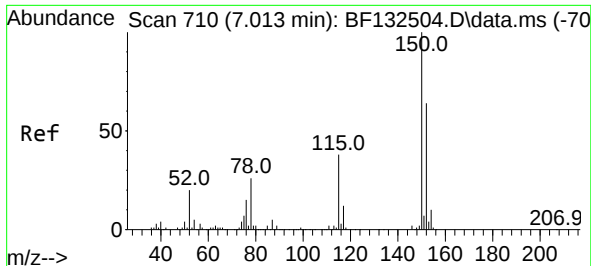
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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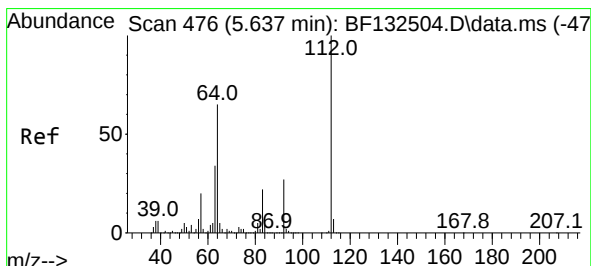
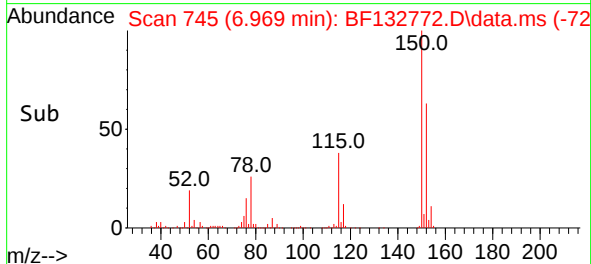
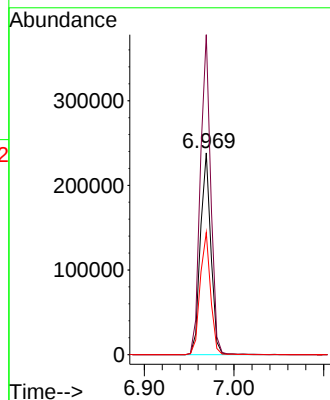
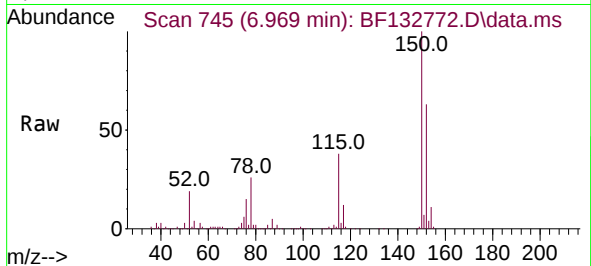




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

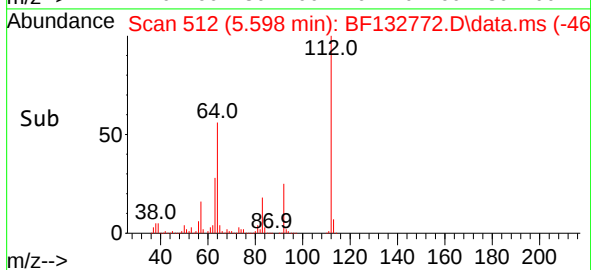
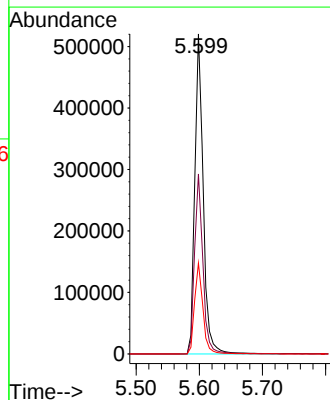
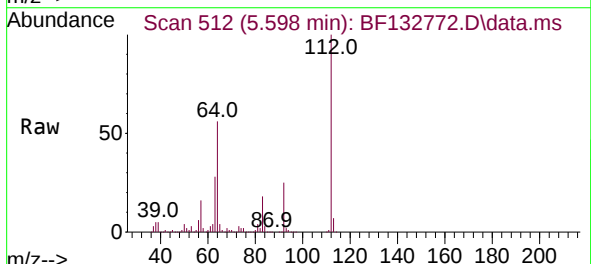
Instrument :
BNA_F
ClientSampleId :
VNJ-209

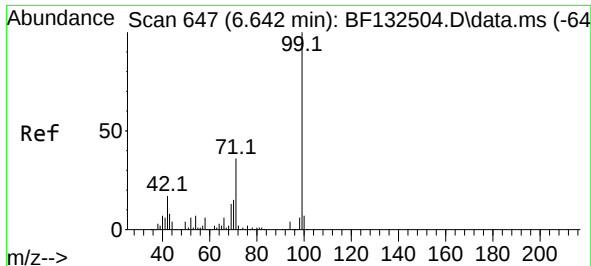
Tgt Ion:152 Resp: 193128
Ion Ratio Lower Upper
152 100
150 158.6 125.4 188.2
115 60.5 47.8 71.6



#5
2-Fluorophenol
Concen: 40.574 ng
RT: 5.598 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion:112 Resp: 482819
Ion Ratio Lower Upper
112 100
64 56.3 51.6 77.4
63 28.4 27.4 41.2

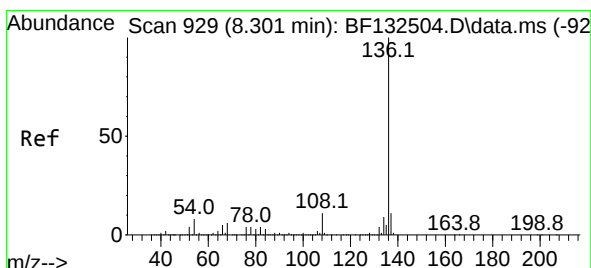
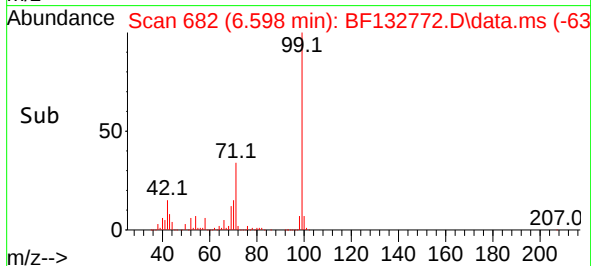
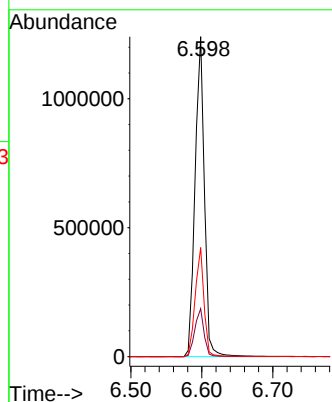
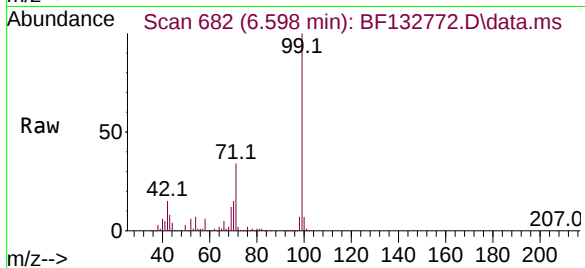




#7
Phenol-d6
Concen: 73.185 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

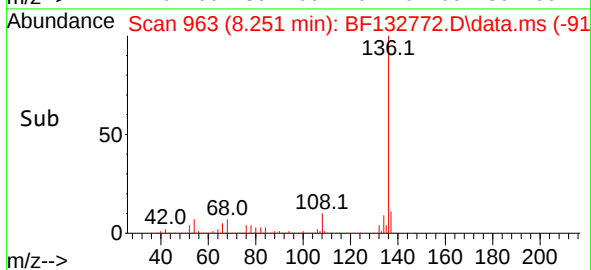
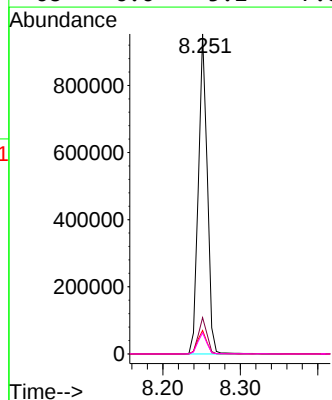
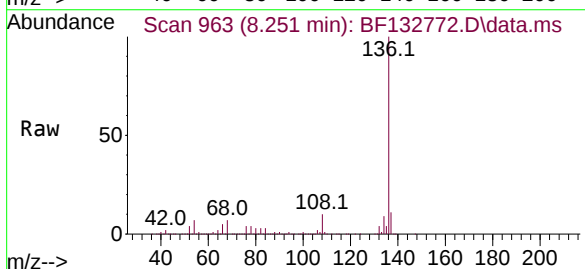
Instrument :
BNA_F
ClientSampleId :
VNJ-209

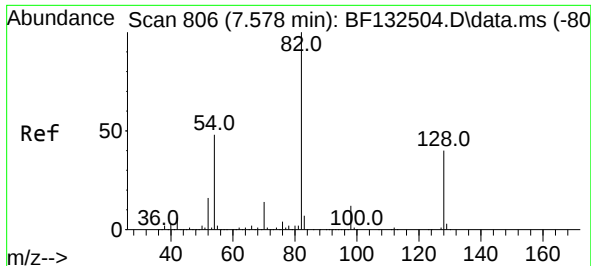
Tgt Ion: 99 Resp: 1136578
Ion Ratio Lower Upper
99 100
42 15.0 13.9 20.9
71 34.1 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132772.D
Acq: 13 Mar 2023 21:32

Tgt Ion:136 Resp: 758176
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.3 6.2 9.4
68 6.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 63.700 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.012 min

Lab File: BF132772.D

Acq: 13 Mar 2023 21:32

Instrument :

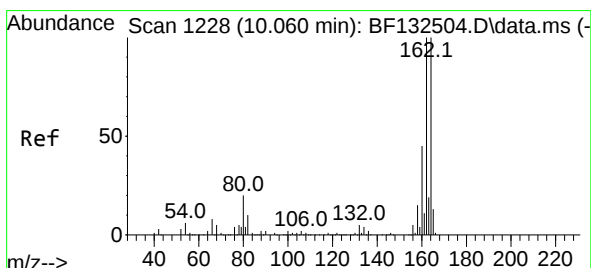
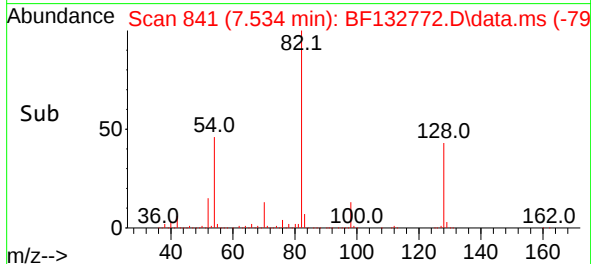
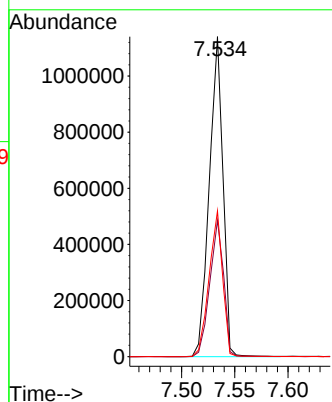
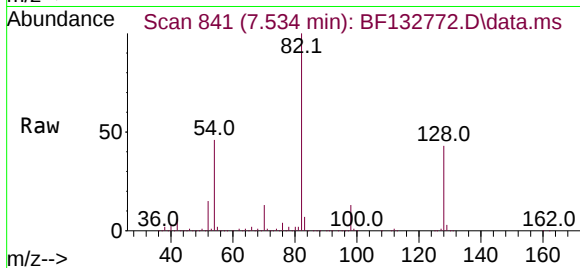
BNA_F

ClientSampleId :

VNJ-209

Tgt Ion: 82 Resp: 1017945

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.2
54	45.5	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1262

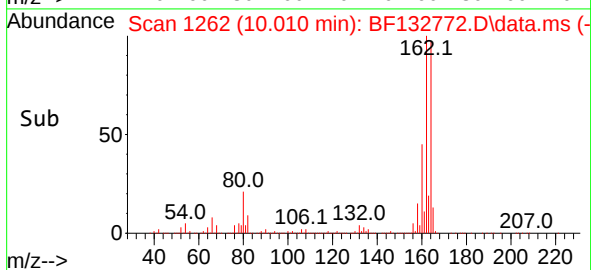
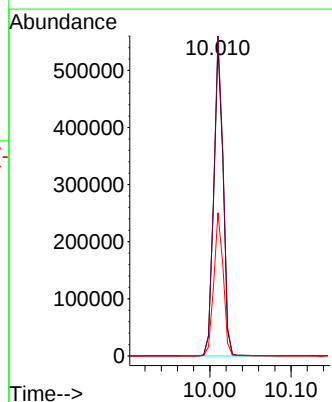
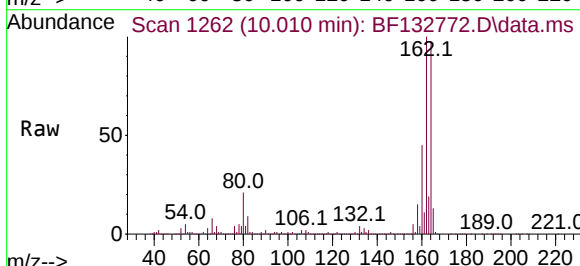
Delta R.T. -0.012 min

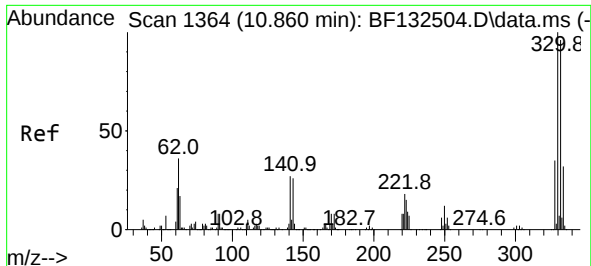
Lab File: BF132772.D

Acq: 13 Mar 2023 21:32

Tgt Ion: 164 Resp: 440463

Ion	Ratio	Lower	Upper
164	100		
162	103.2	79.8	119.8
160	46.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 14.321 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF132772.D

Acq: 13 Mar 2023 21:32

Instrument :

BNA_F

ClientSampleId :

VNJ-209

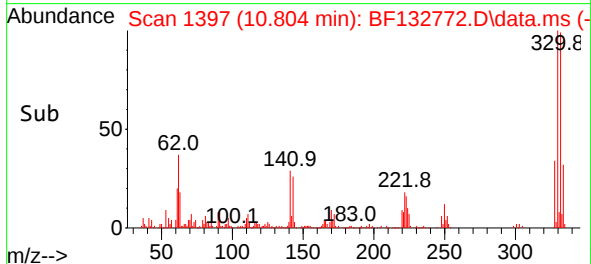
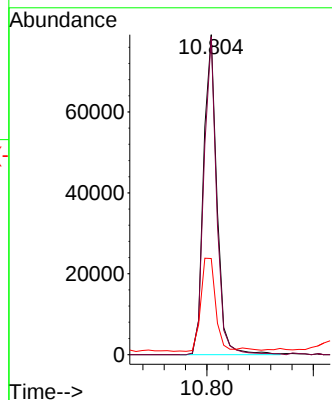
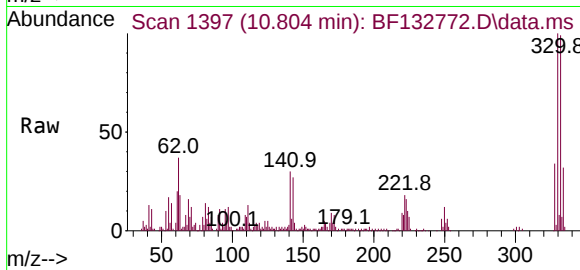
Tgt Ion:330 Resp: 68123

Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

141 32.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 65.092 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132772.D

Acq: 13 Mar 2023 21:32

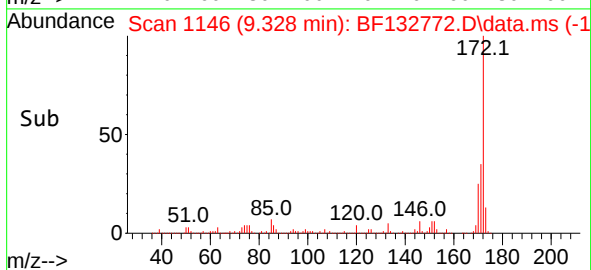
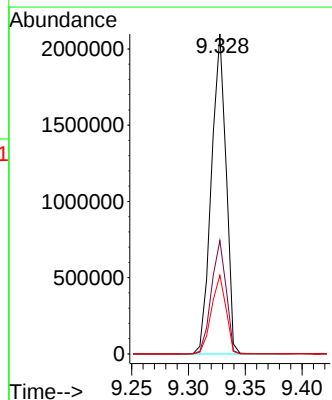
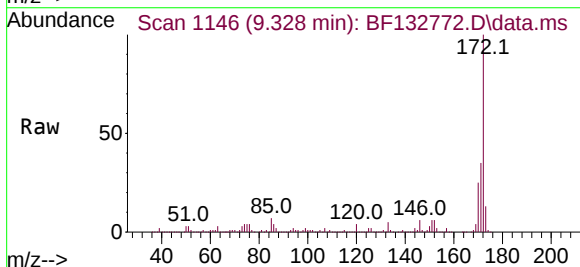
Tgt Ion:172 Resp: 1882917

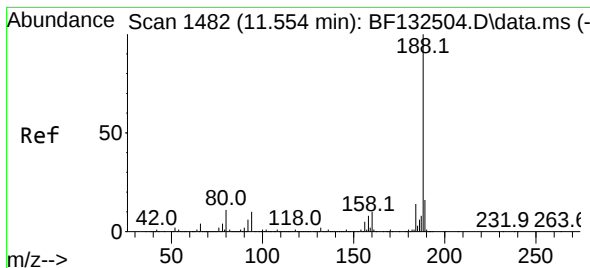
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.6 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132772.D

Acq: 13 Mar 2023 21:32

Instrument :

BNA_F

ClientSampleId :

VNJ-209

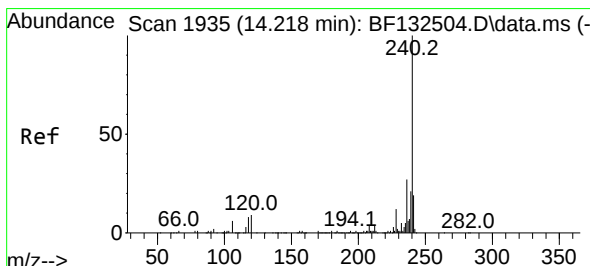
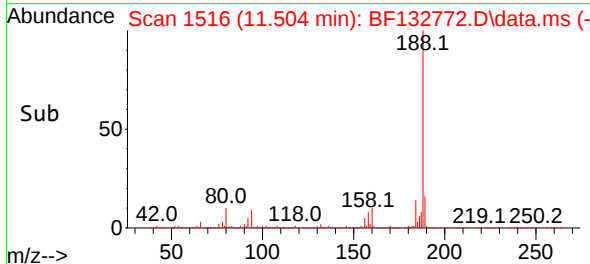
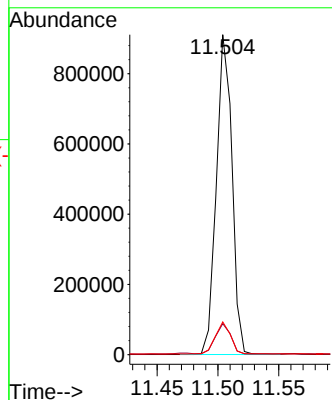
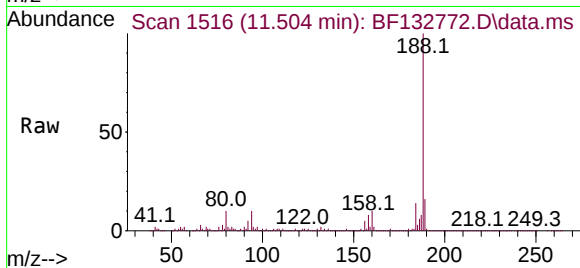
Tgt Ion:188 Resp: 812474

Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.2 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BF132772.D

Acq: 13 Mar 2023 21:32

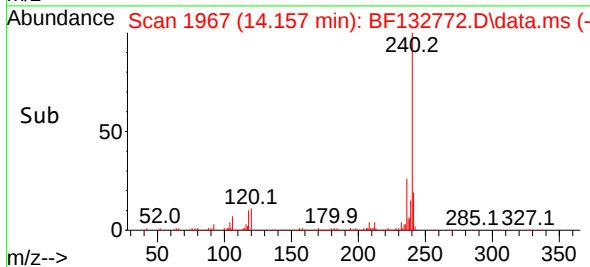
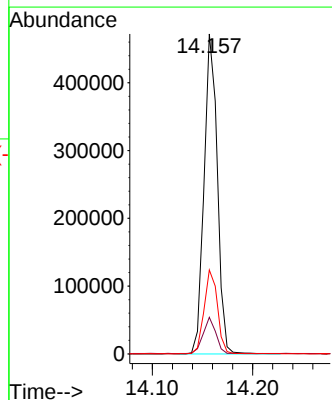
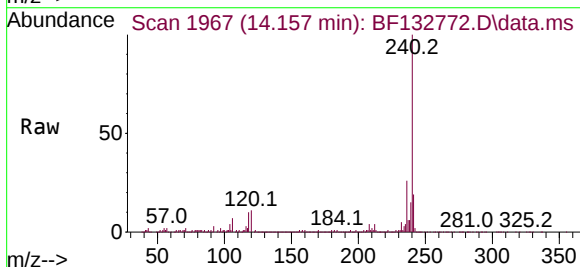
Tgt Ion:240 Resp: 431696

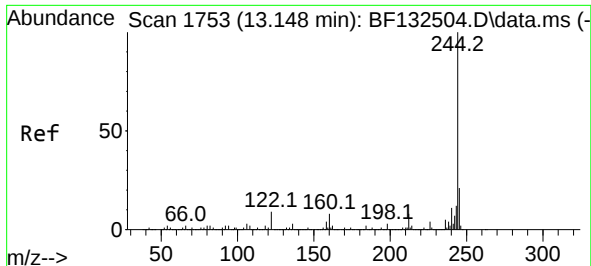
Ion Ratio Lower Upper

240 100

120 11.4 7.2 10.8#

236 26.2 21.8 32.6

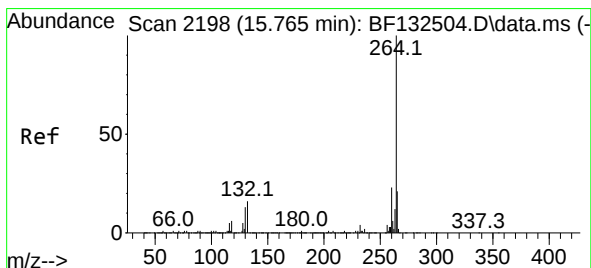
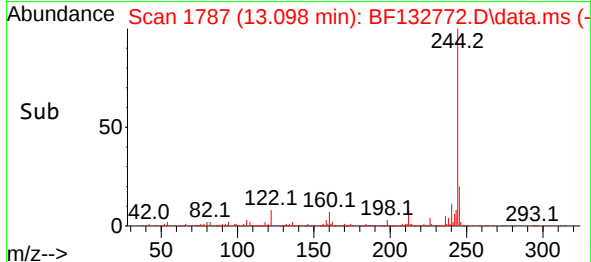
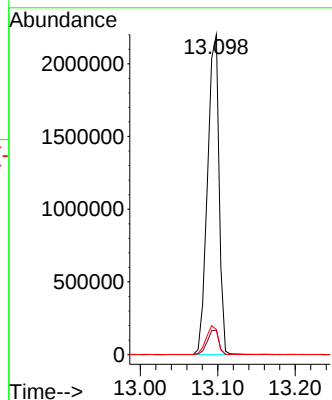
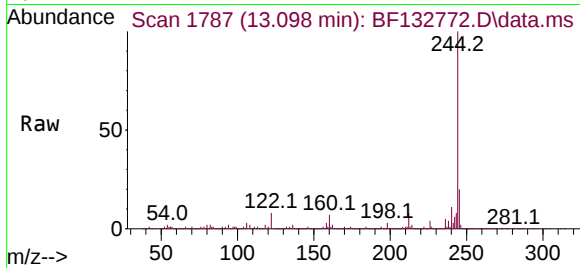




#79
 Terphenyl-d14
 Concen: 88.874 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132772.D
 Acq: 13 Mar 2023 21:32

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-209

Tgt Ion:244 Resp: 2269203
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132772.D
 Acq: 13 Mar 2023 21:32

Tgt Ion:264 Resp: 442327
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.7 17.1 25.7

