

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124194.D
 Acq On : 8 Jun 2021 22:56
 Operator : JU/CG
 Sample : M2601-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-236

Quant Time: Jun 09 04:10:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	33511	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	106469	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	51724	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	87608	20.000	ng	# 0.02
76) Chrysene-d12	14.051	240	80923	20.000	ng	# 0.02
86) Perylene-d12	15.521	264	62474	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	159917	71.836	ng	0.00
7) Phenol-d6	6.504	99	191570	64.022	ng	0.00
23) Nitrobenzene-d5	7.422	82	146788	54.681	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	46277	63.151	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	220997	53.765	ng	0.00
79) Terphenyl-d14	13.004	244	222176	37.695	ng	0.02

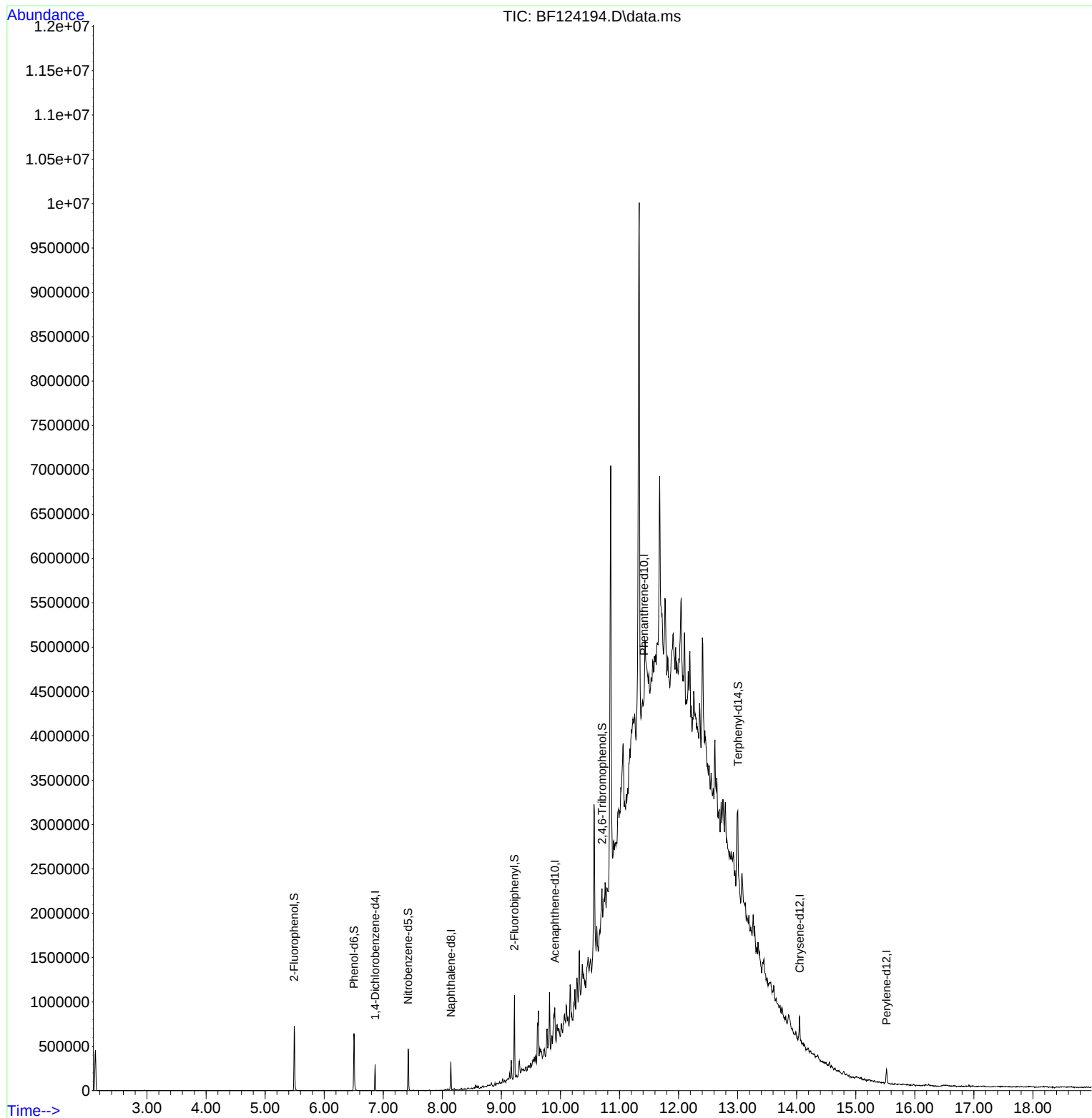
Target Compounds	Qvalue

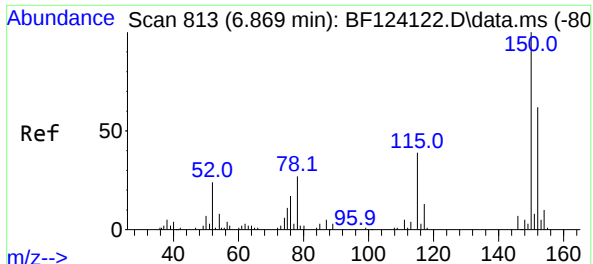
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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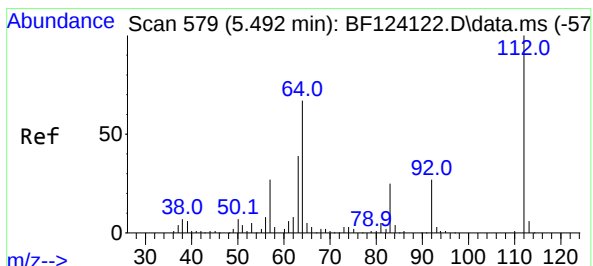
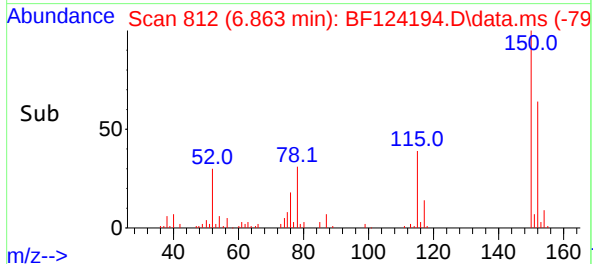
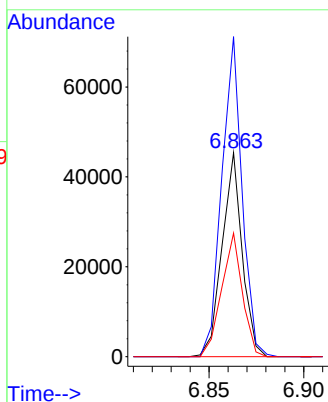
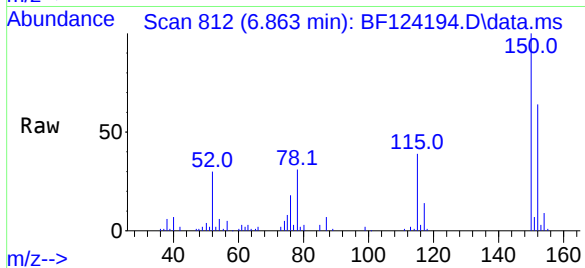




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

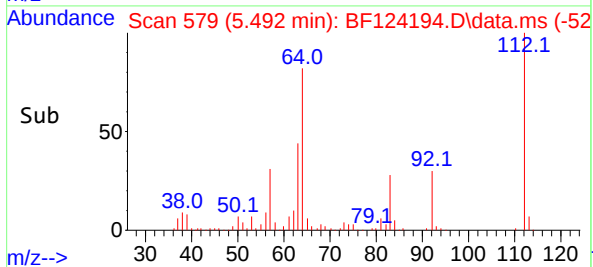
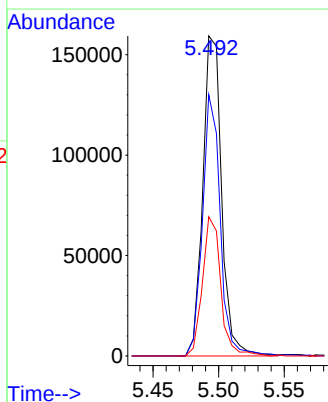
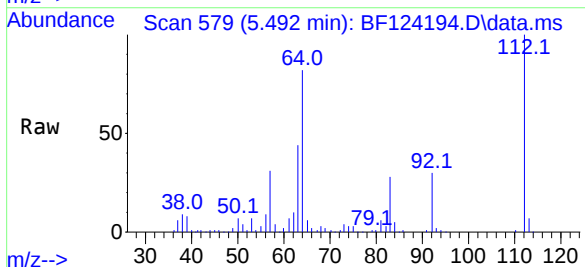
Instrument :
BNA_F
ClientSampled :
VNJ-236

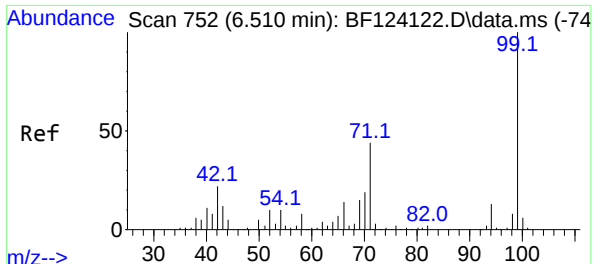
Tgt Ion:152 Resp: 33511
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 60.6 54.3 81.5



#5
2-Fluorophenol
Concen: 71.836 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:112 Resp: 159917
Ion Ratio Lower Upper
112 100
64 81.7 61.4 92.0
63 43.5 33.0 49.4

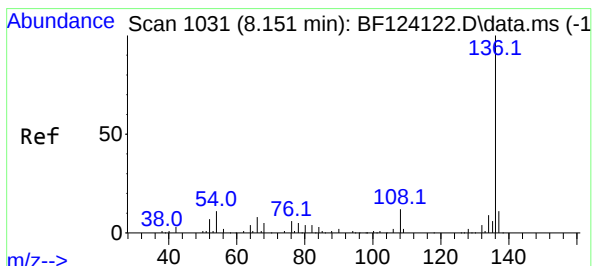
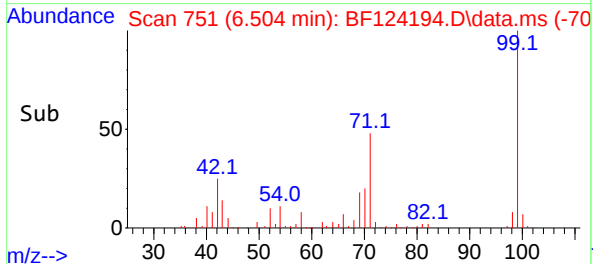
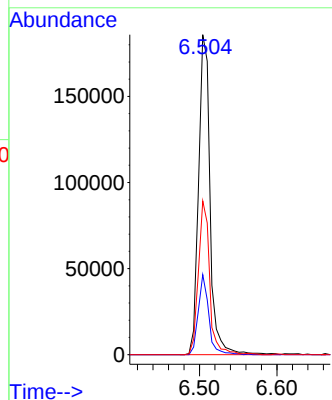
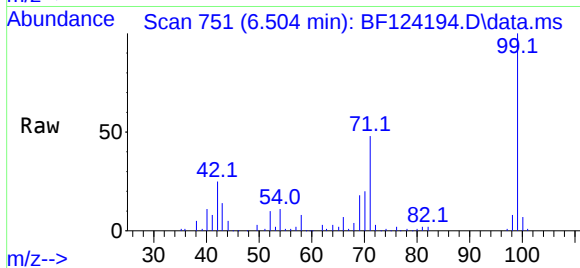




#7
Phenol-d6
Concen: 64.022 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

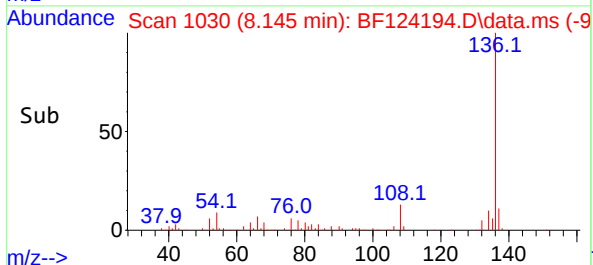
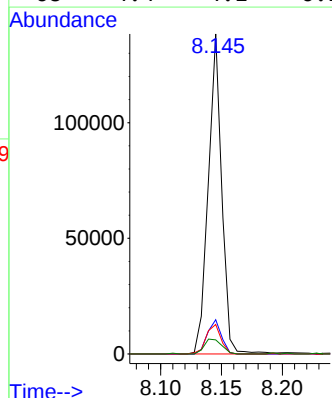
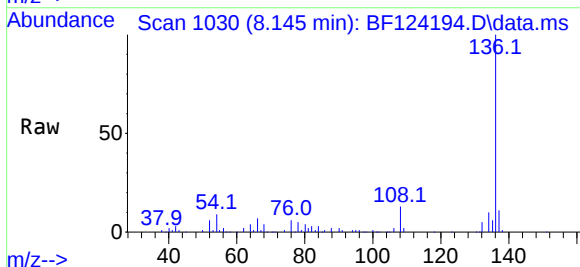
Instrument :
BNA_F
ClientSampleId :
VNJ-236

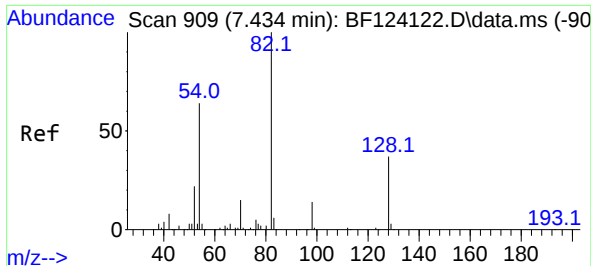
Tgt Ion: 99 Resp: 191570
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.8
71 48.0 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion: 136 Resp: 106469
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.2 9.8 14.6#
68 4.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 54.681 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124194.D

Acq: 8 Jun 2021 22:56

Instrument :

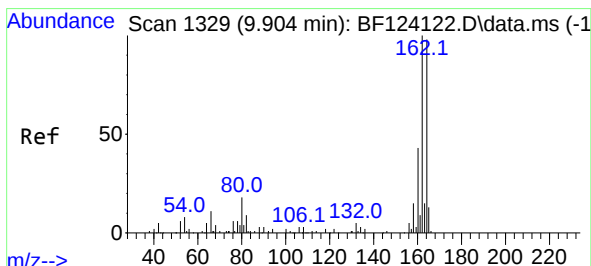
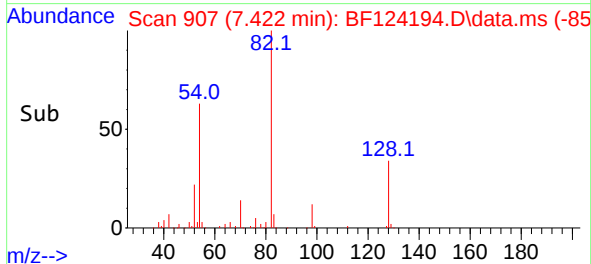
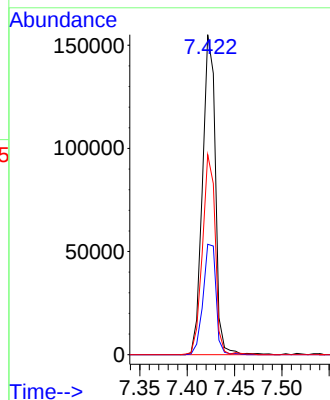
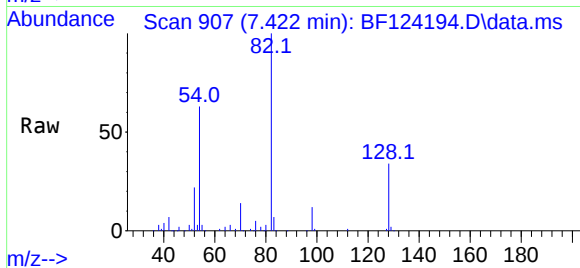
BNA_F

ClientSampleId :

VNJ-236

Tgt Ion: 82 Resp: 146788

Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.4	44.2
54	62.5	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

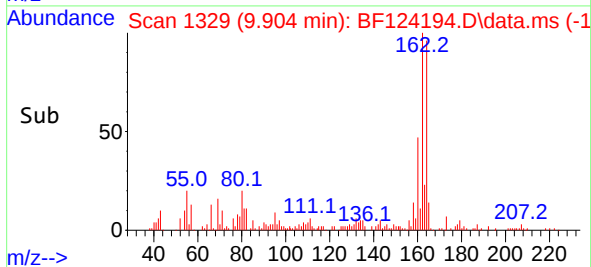
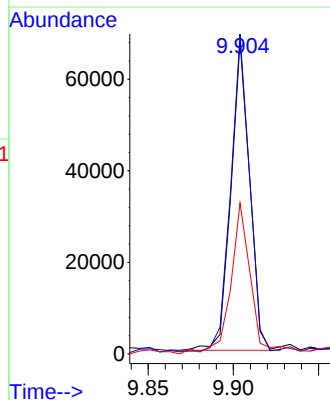
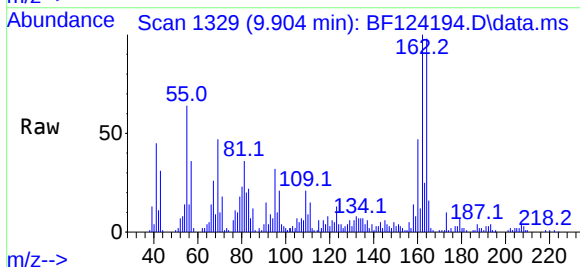
Delta R.T. -0.000 min

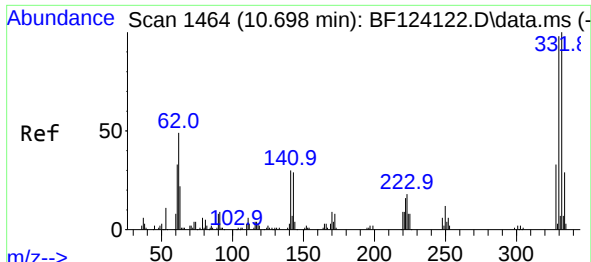
Lab File: BF124194.D

Acq: 8 Jun 2021 22:56

Tgt Ion:164 Resp: 51724

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	48.2	37.3	55.9

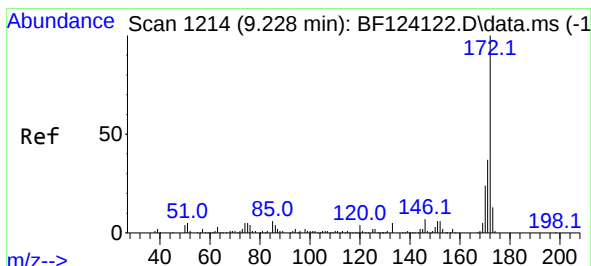
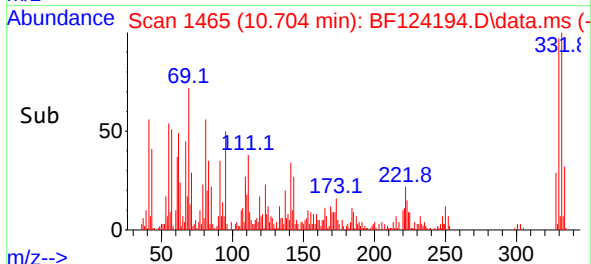
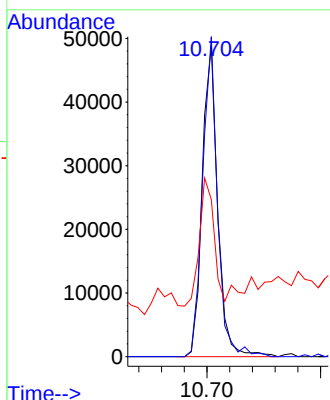
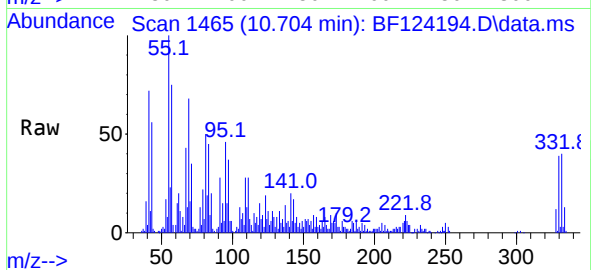




#42
2,4,6-Tribromophenol
Concen: 63.151 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

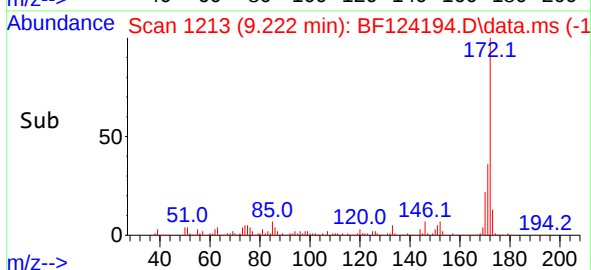
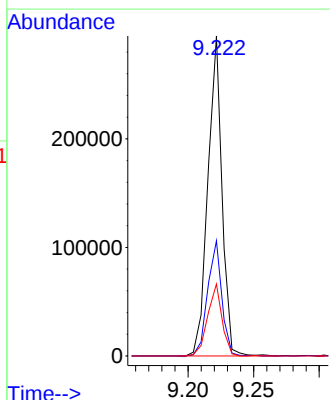
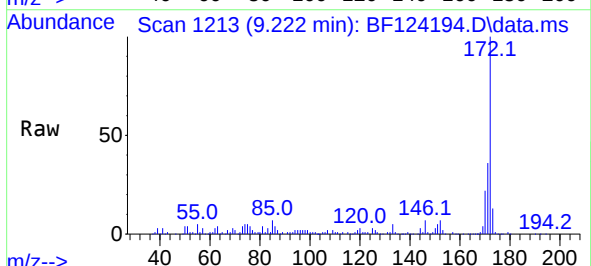
Instrument :
BNA_F
ClientSampleId :
VNJ-236

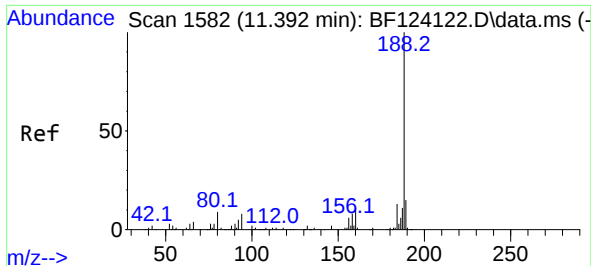
Tgt Ion:330 Resp: 46277
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 53.765 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:172 Resp: 220997
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 22.5 19.2 28.8

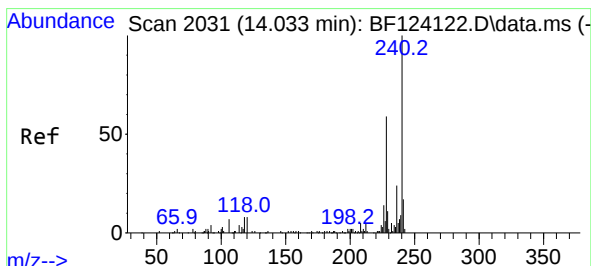
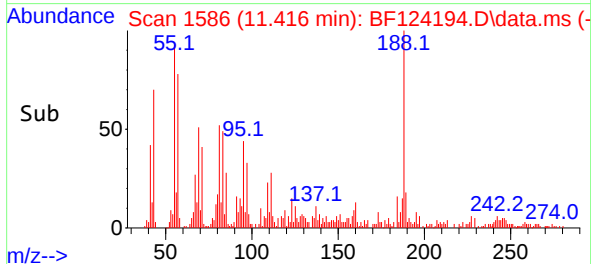
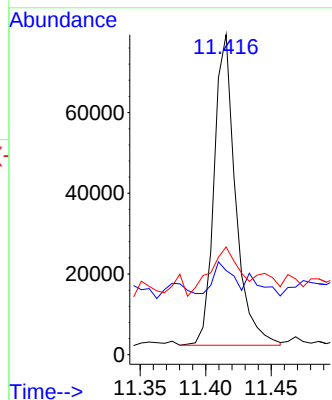
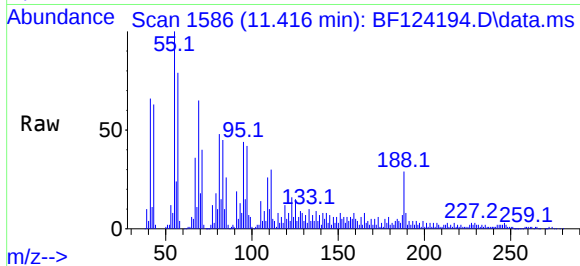




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.024 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

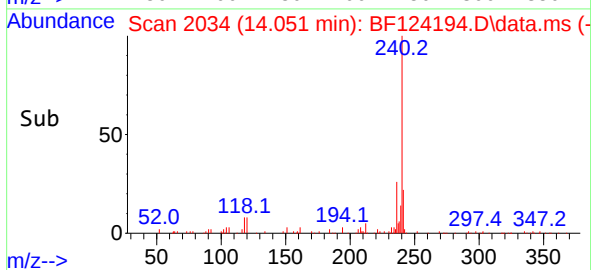
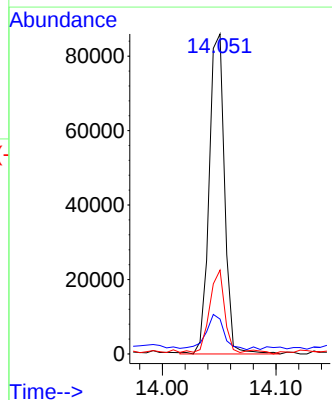
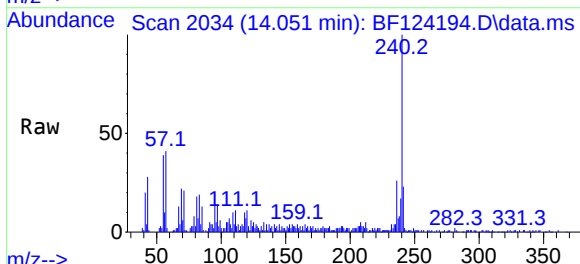
Instrument :
BNA_F
ClientSampled :
VNJ-236

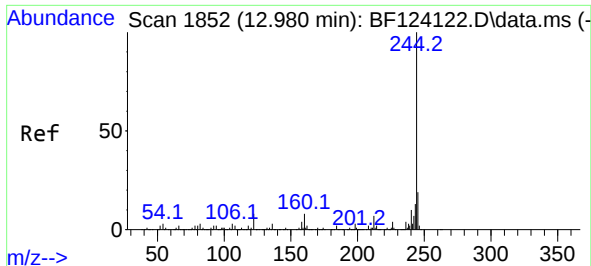
Tgt Ion:188 Resp: 87608
Ion Ratio Lower Upper
188 100
94 26.3 6.9 10.3#
80 33.7 8.2 12.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.018 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:240 Resp: 80923
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 26.2 19.0 28.4

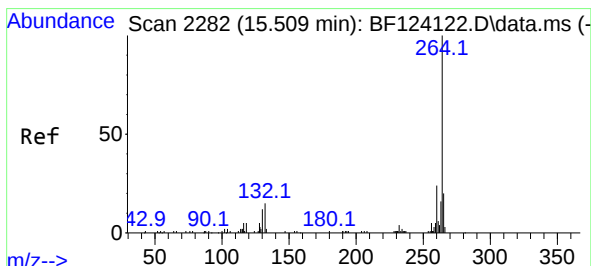
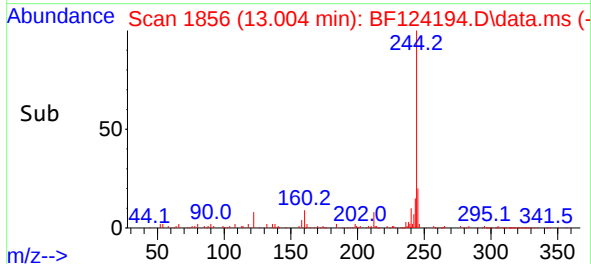
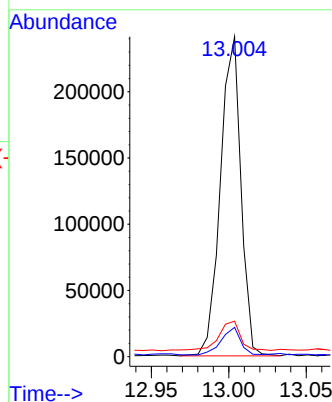
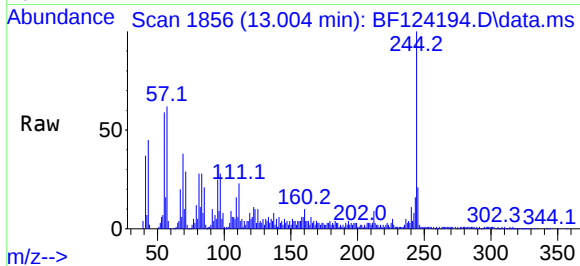




#79
Terphenyl-d14
Concen: 37.695 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.024 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Instrument :
BNA_F
ClientSampleId :
VNJ-236

Tgt Ion:244 Resp: 222176
Ion Ratio Lower Upper
244 100
212 9.2 5.7 8.5#
122 11.1 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124194.D
Acq: 8 Jun 2021 22:56

Tgt Ion:264 Resp: 62474
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 20.6 17.8 26.8

