

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122994.D
 Acq On : 18 Jan 2021 18:57
 Operator : JU/CG
 Sample : M1090-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BORE-2-1FT-7FT

Quant Time: Jan 18 23:49:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

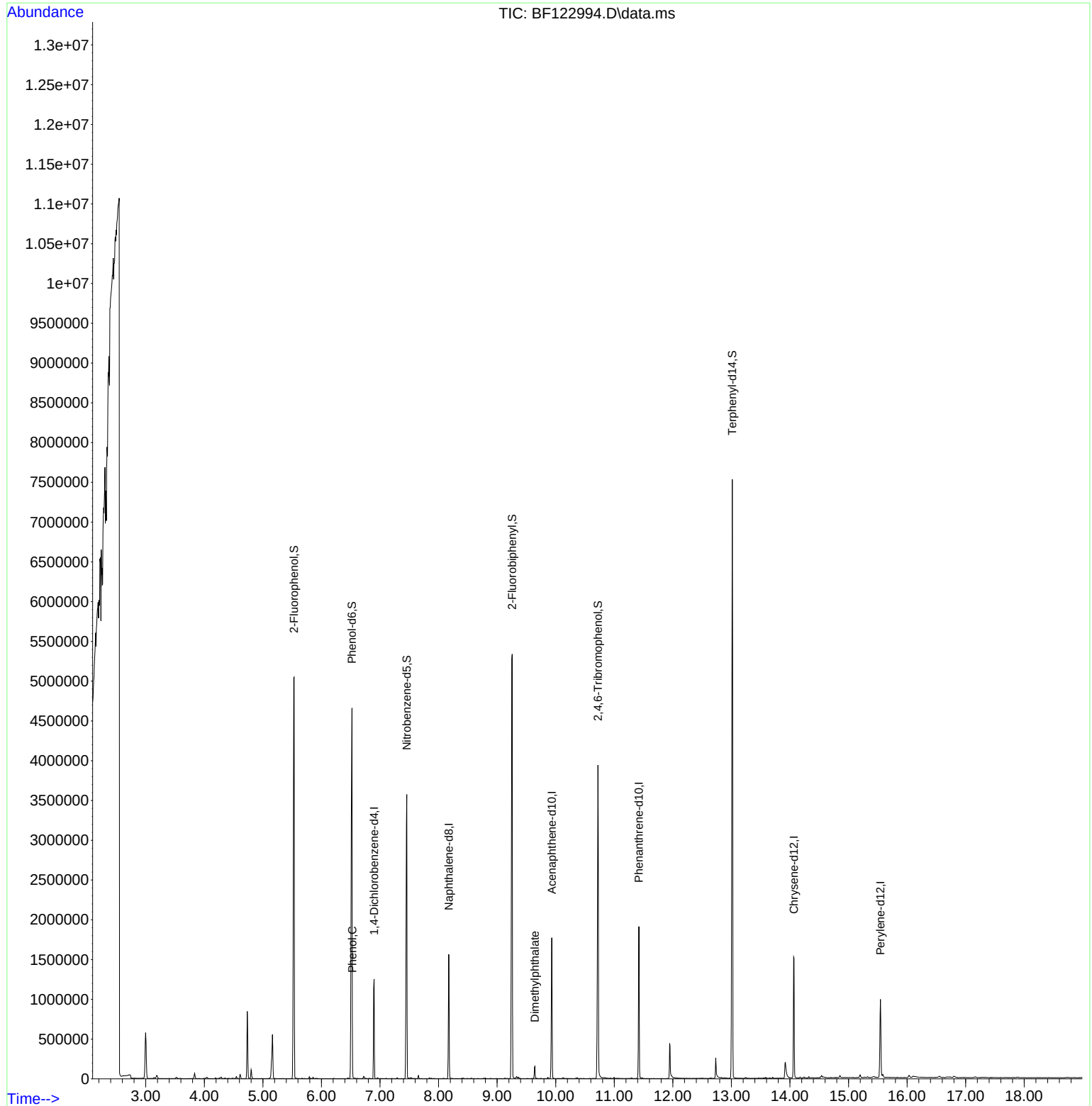
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	160680	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	661968	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	362799	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	624153	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	515741	20.00	ng	0.00
86) Perylene-d12	15.545	264	415608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1405702	132.24	ng	0.02
7) Phenol-d6	6.522	99	1648761	115.41	ng	0.00
23) Nitrobenzene-d5	7.457	82	1190550	92.55	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	507344	123.66	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1909695	73.71	ng	0.00
79) Terphenyl-d14	13.016	244	2431684	86.45	ng	0.00
Target Compounds						
10) Phenol	6.528	94	44799	3.12	ng	Qvalue 97
50) Dimethylphthalate	9.645	163	60486	2.15	ng	# 98

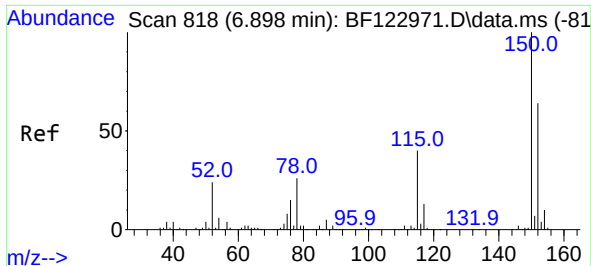
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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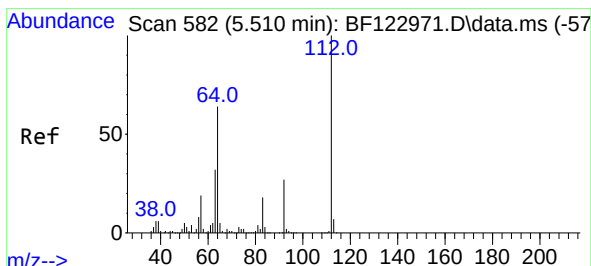
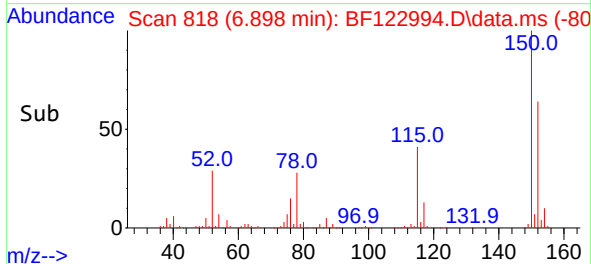
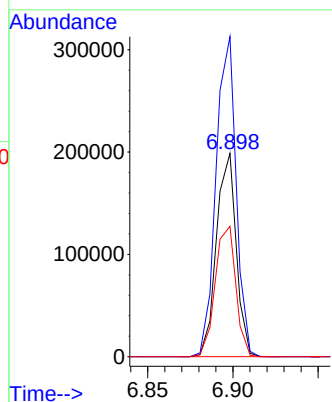
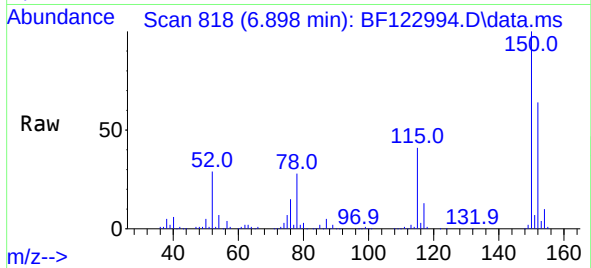




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

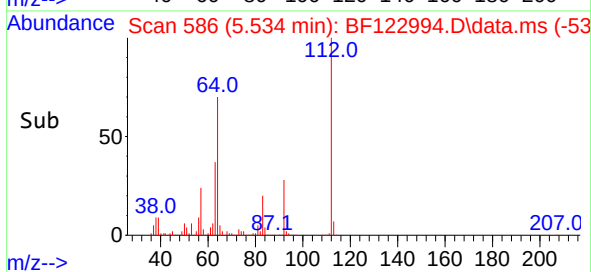
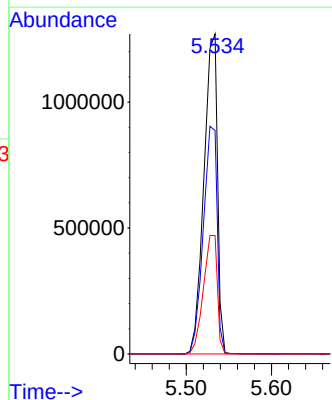
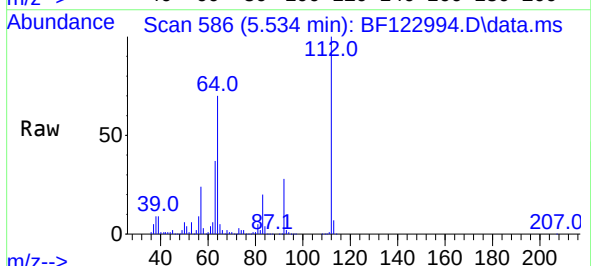
Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

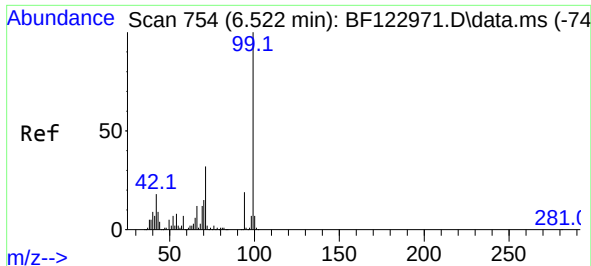
Tgt Ion:152 Resp: 160680
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 64.2 49.3 73.9



#5
2-Fluorophenol
Concen: 132.24 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion:112 Resp: 1405702
Ion Ratio Lower Upper
112 100
64 69.8 46.9 70.3
63 37.0 24.5 36.7#



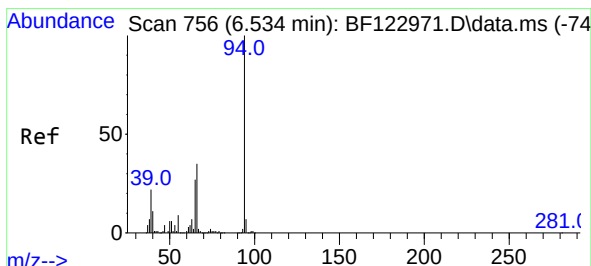
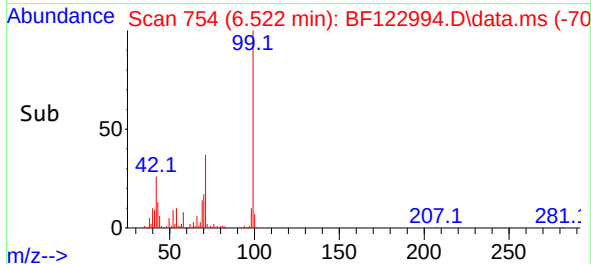
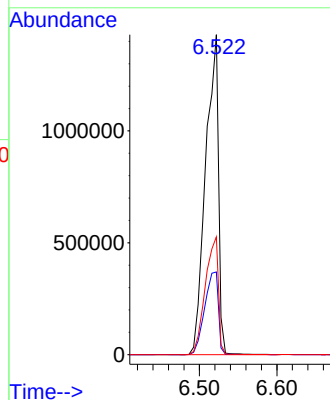
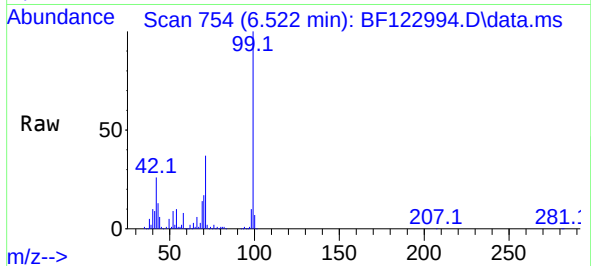


#7
Phenol-d6
Concen: 115.41 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

Tgt Ion: 99 Resp: 1648761

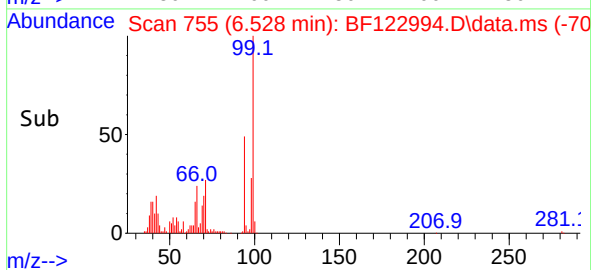
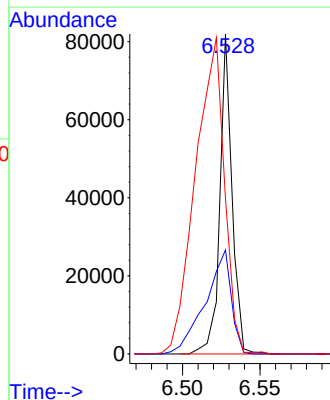
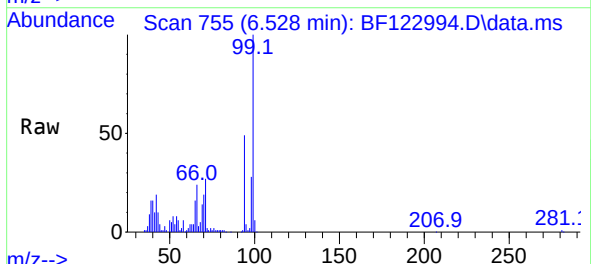
Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.8	20.6
71	36.8	26.9	40.3

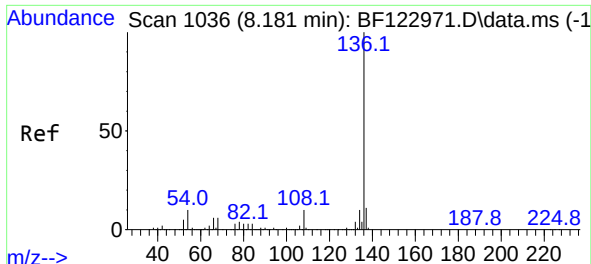


#10
Phenol
Concen: 3.12 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion: 94 Resp: 44799

Ion	Ratio	Lower	Upper
94	100		
65	32.5	11.2	51.2
66	48.5	25.8	65.8



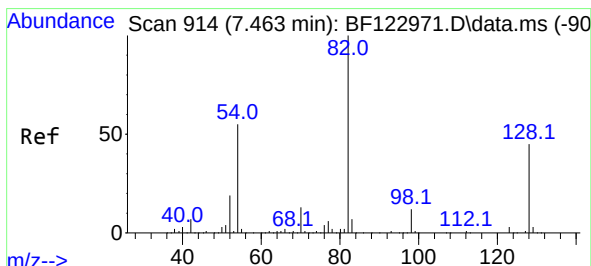
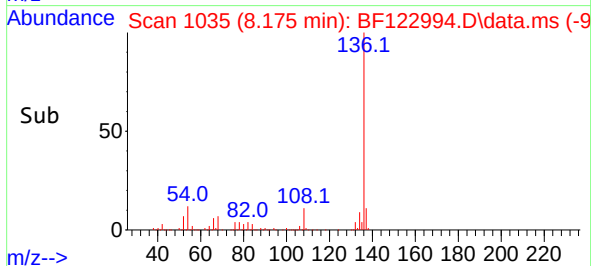
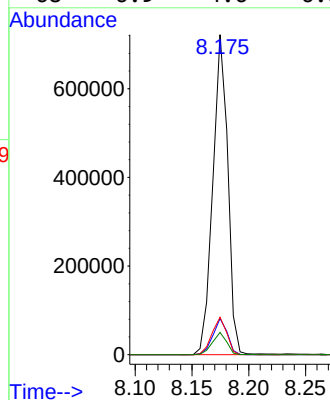
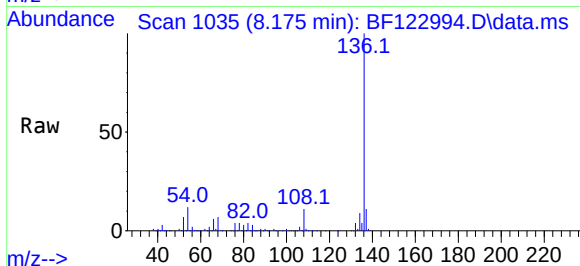


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

Tgt Ion:136 Resp: 661968

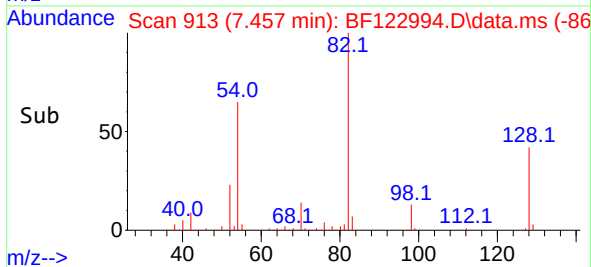
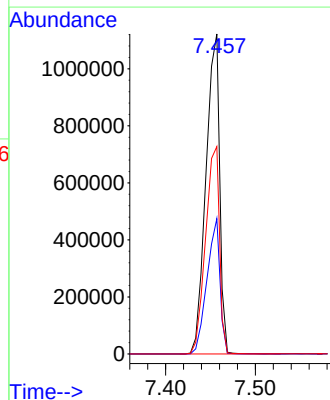
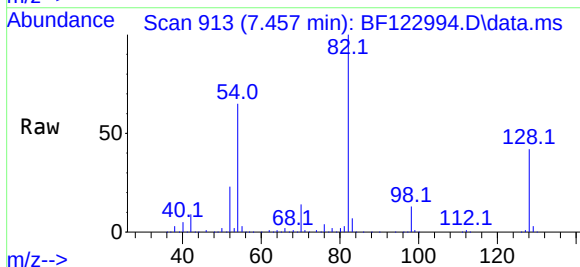
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	11.7	5.5	8.3#
68	6.9	4.6	6.8#

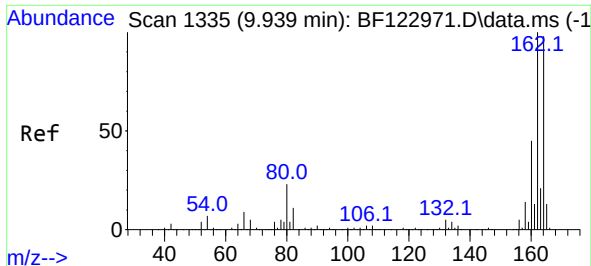


#23
Nitrobenzene-d5
Concen: 92.55 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion: 82 Resp: 1190550

Ion	Ratio	Lower	Upper
82	100		
128	42.3	37.0	55.4
54	64.8	38.4	57.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF122994.D

Acq: 18 Jan 2021 18:57

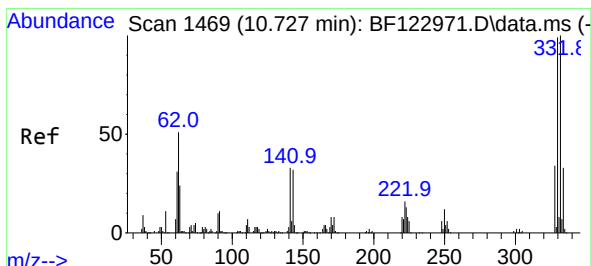
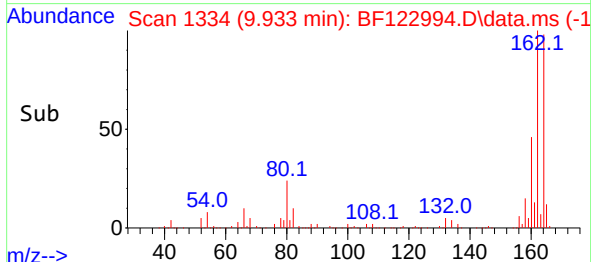
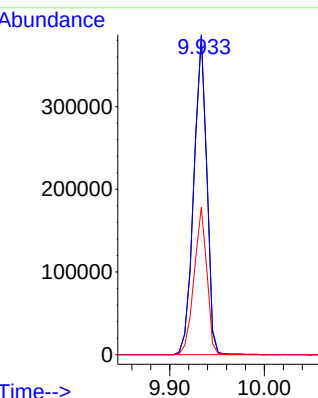
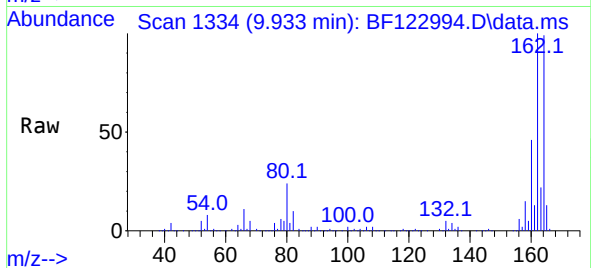
Tgt Ion:164 Resp: 362799

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

160 46.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 123.66 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.005 min

Lab File: BF122994.D

Acq: 18 Jan 2021 18:57

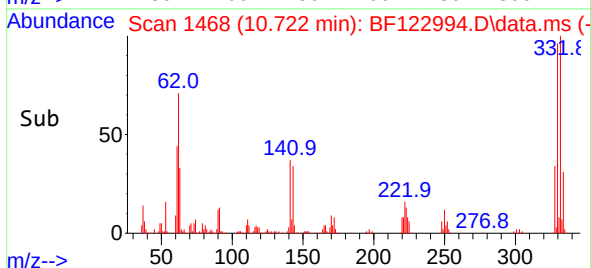
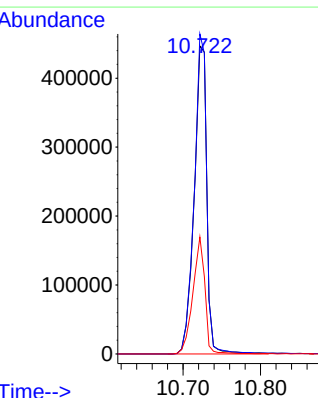
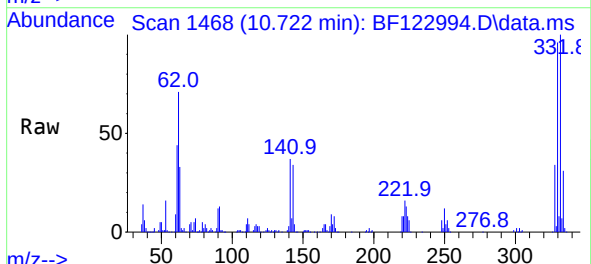
Tgt Ion:330 Resp: 507344

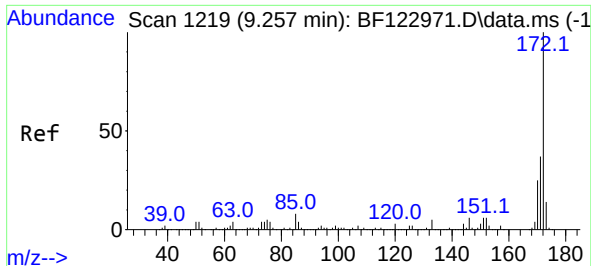
Ion Ratio Lower Upper

330 100

332 102.1 77.5 116.3

141 36.1 23.8 35.8#

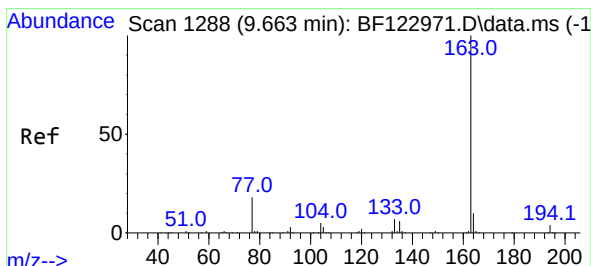
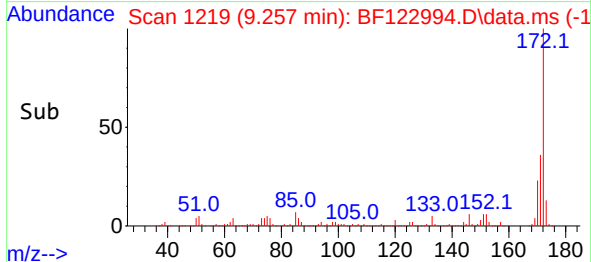
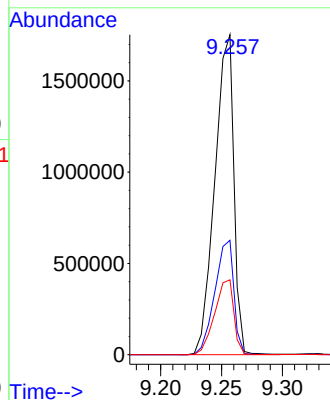
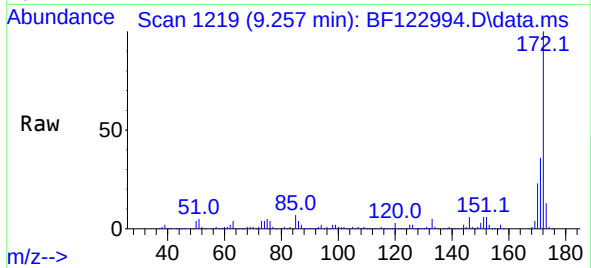




#45
2-Fluorobiphenyl
Concen: 73.71 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

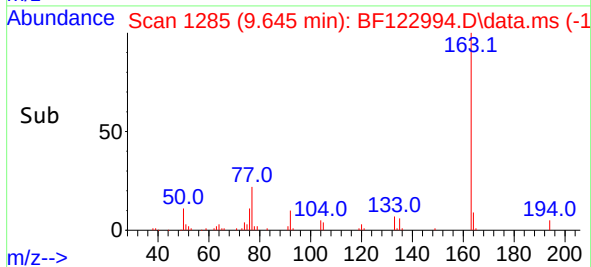
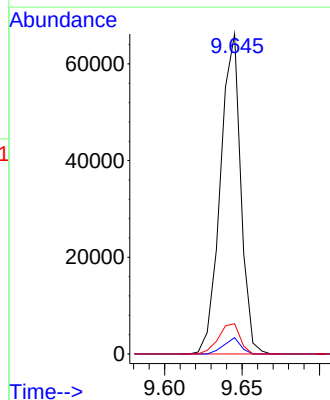
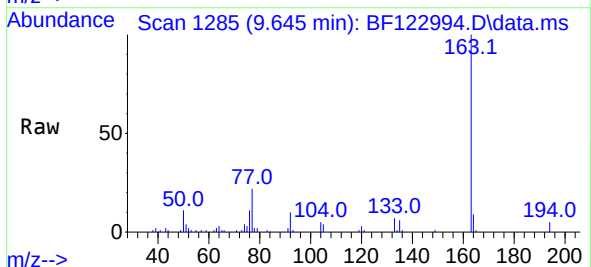
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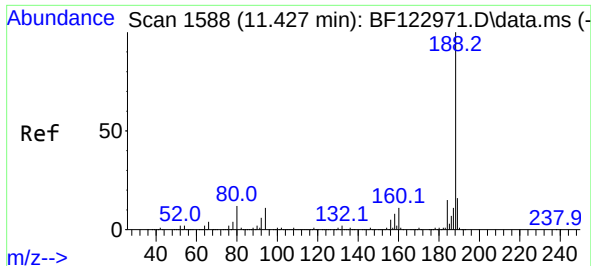
Tgt Ion:172 Resp: 1909695
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.4 19.5 29.3



#50
Dimethylphthalate
Concen: 2.15 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion:163 Resp: 60486
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.0#
164 9.5 8.1 12.1

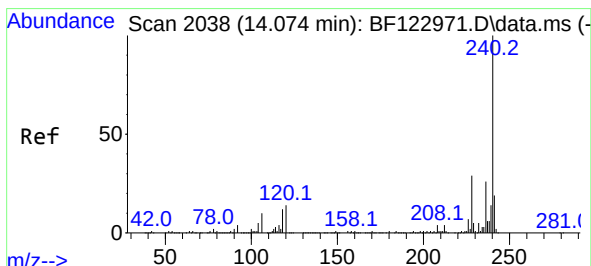
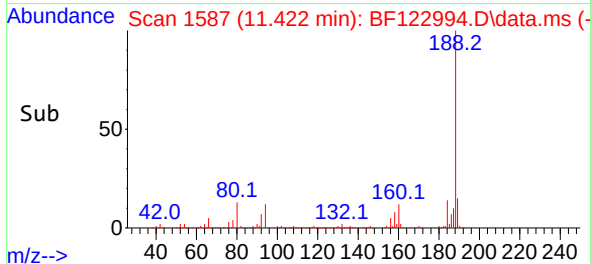
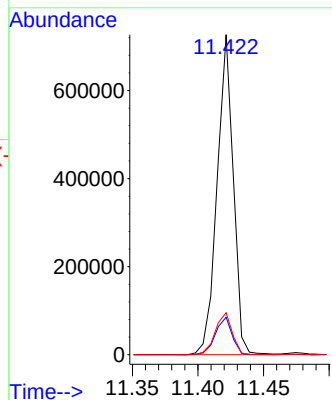
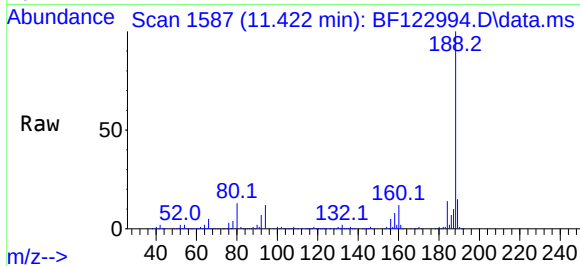




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

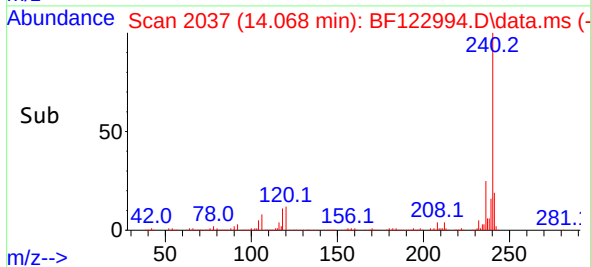
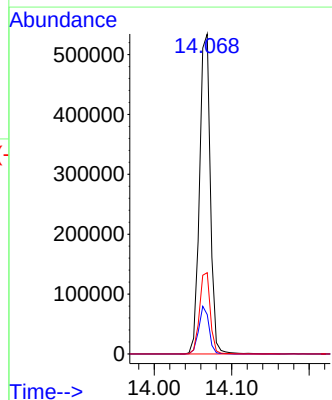
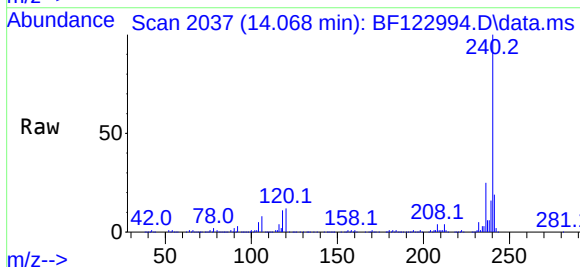
Instrument :
BNA_F
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BORE-2-1FT-7FT

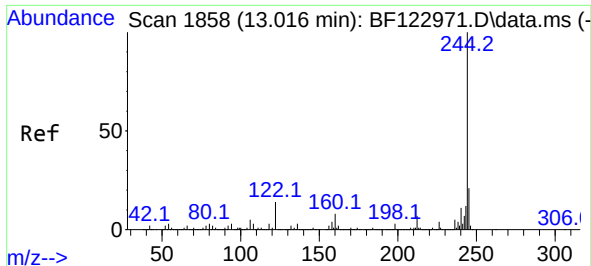
Tgt Ion:188 Resp: 624153
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 13.1 8.2 12.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion:240 Resp: 515741
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 25.4 20.3 30.5

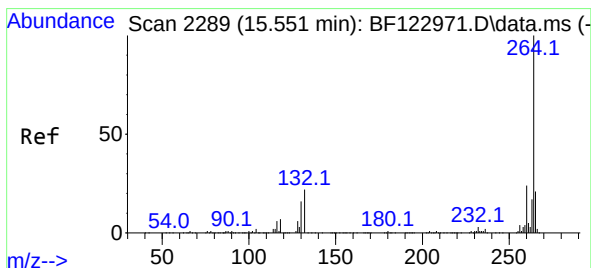
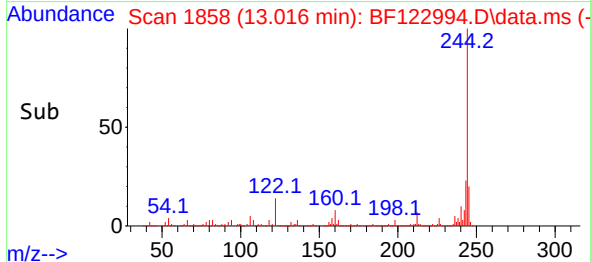
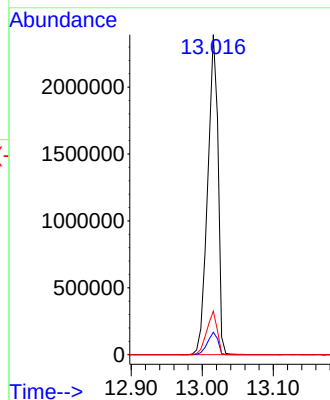
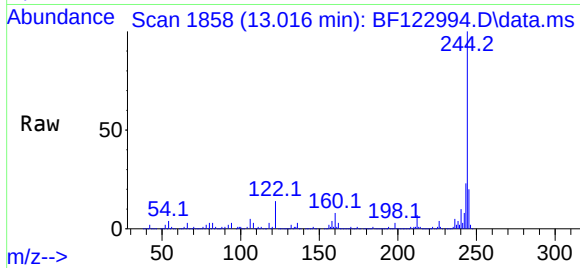




#79
Terphenyl-d14
Concen: 86.45 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

Tgt Ion:244 Resp: 2431684
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 13.6 8.3 12.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion:264 Resp: 415608
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.5 17.0 25.6

