

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125951.D
 Acq On : 27 Oct 2021 00:23
 Operator : JU/CG
 Sample : M4348-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-229

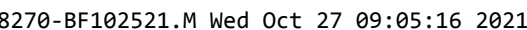
Quant Time: Oct 27 09:05:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

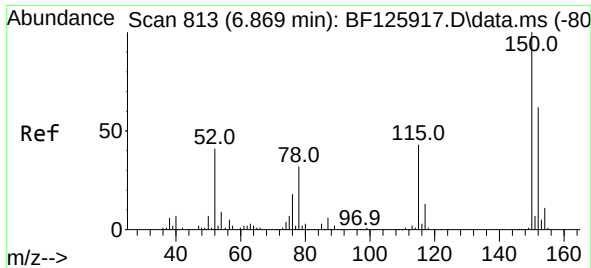
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	185124	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	727352	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	388119	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	592122	20.000	ng	0.00
76) Chrysene-d12	14.021	240	392119	20.000	ng	-0.01
86) Perylene-d12	15.492	264	387136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1177526	94.745	ng	0.00
7) Phenol-d6	6.487	99	1510302	88.599	ng	0.00
23) Nitrobenzene-d5	7.428	82	992264	70.466	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	307018	90.742	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1447536	65.956	ng	0.00
79) Terphenyl-d14	12.974	244	1120592	46.746	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	137927	14.162	ng	# 63
25) Isophorone	7.428	82	991887	36.989	ng	# 59
32) Benzoic acid	7.816	122	460	4.225	ng	89
51) 2,6-Dinitrotoluene	9.904	165	50152	10.576	ng	# 28
54) 2,4-Dinitrophenol	10.198	184	155	7.193	ng	# 57
58) Fluorene	10.445	166	7804	Below Cal	#	79
65) 4,6-Dinitro-2-methylph...	10.686	198	1277	6.494	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	21133	3.341	ng	# 1
75) Fluoranthene	12.598	202	88174	2.847	ng	99
78) Pyrene	12.821	202	86326	2.366	ng	97
88) Benzo(b)fluoranthene	15.062	252	76546	2.996	ng	99
89) Benzo(k)fluoranthene	15.062	252	76546	3.119	ng	# 97

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

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QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

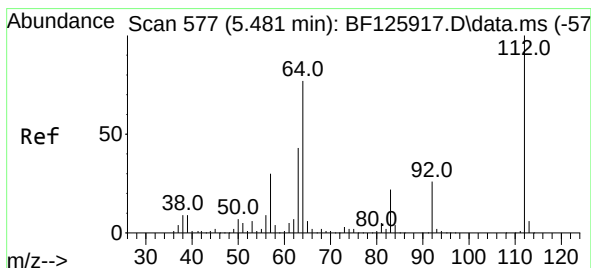
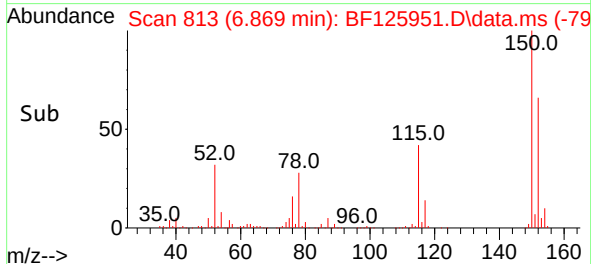
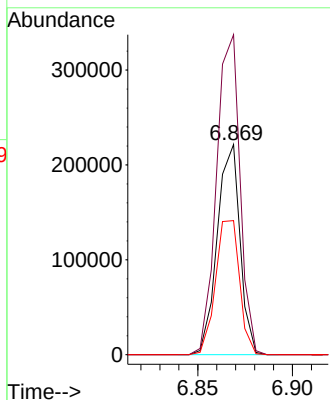
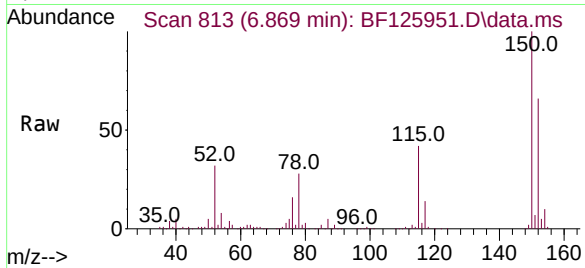




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

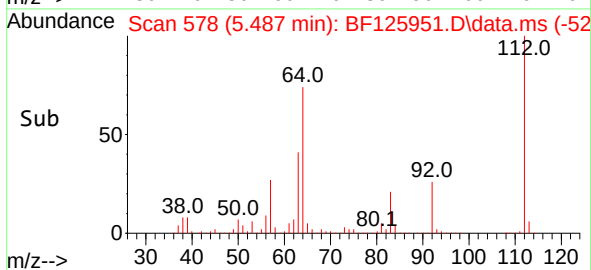
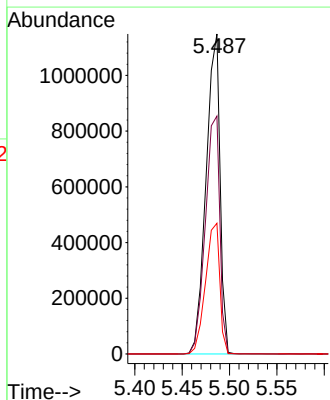
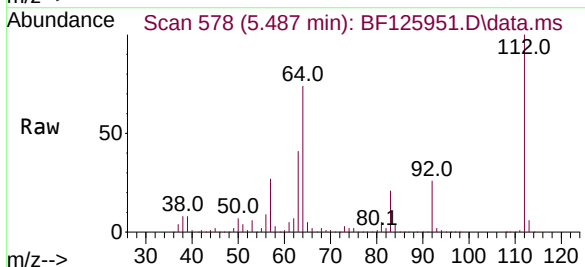
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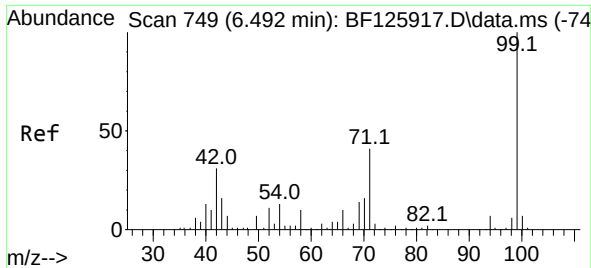
Tgt Ion:152 Resp: 185124
Ion Ratio Lower Upper
152 100
150 152.2 117.6 176.4
115 63.8 47.1 70.7



#5
2-Fluorophenol
Concen: 94.745 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:112 Resp: 1177526
Ion Ratio Lower Upper
112 100
64 74.3 44.2 66.2#
63 40.9 26.2 39.2#

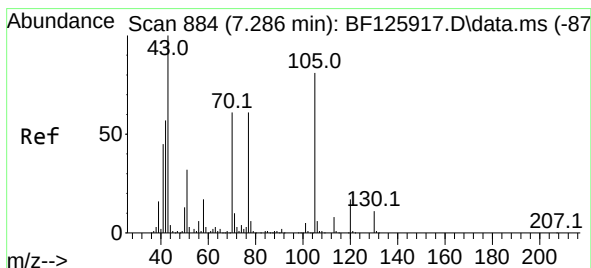
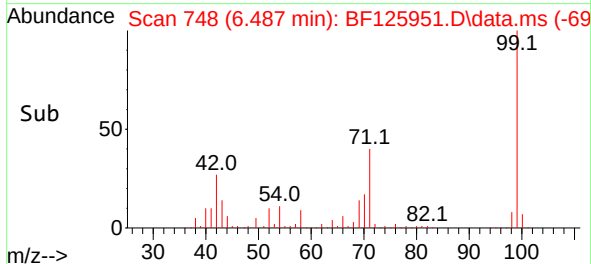
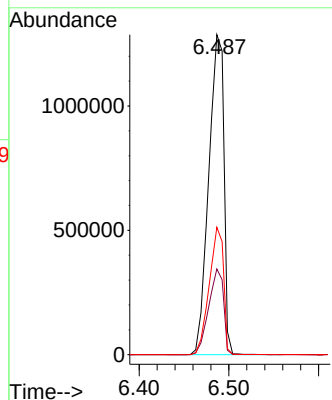
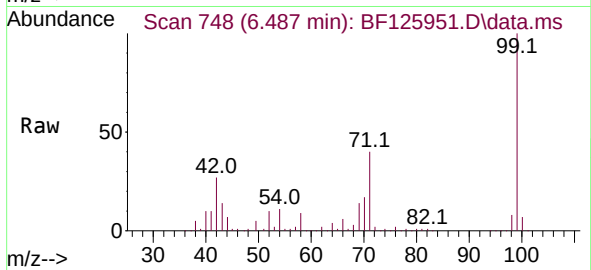




#7
Phenol-d6
Concen: 88.599 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

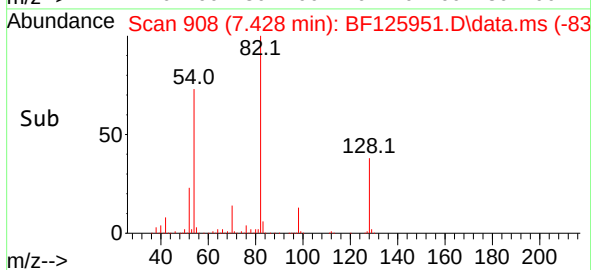
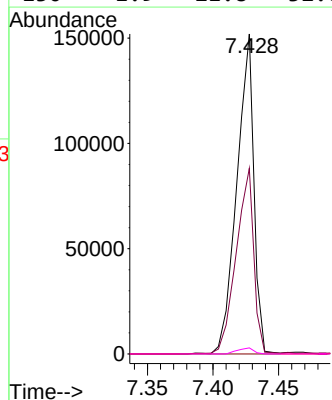
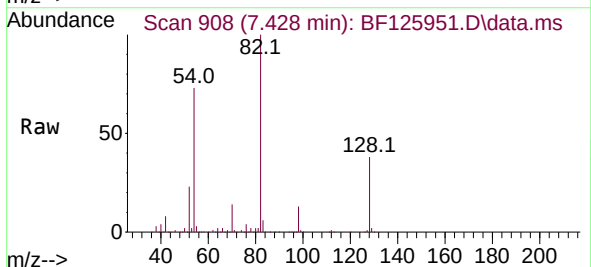
Instrument :
BNA_F
ClientSampleId :
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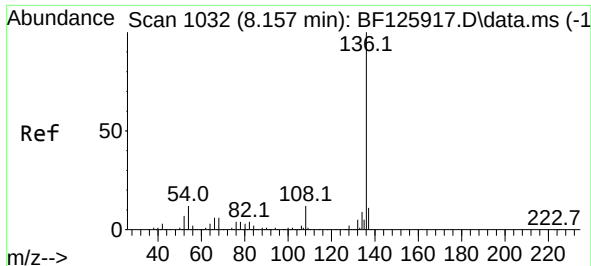
Tgt Ion: 99 Resp: 1510302
Ion Ratio Lower Upper
99 100
42 26.8 23.5 35.3
71 39.8 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.162 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion: 70 Resp: 137927
Ion Ratio Lower Upper
70 100
42 58.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

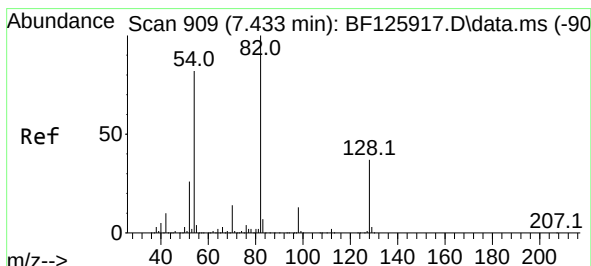
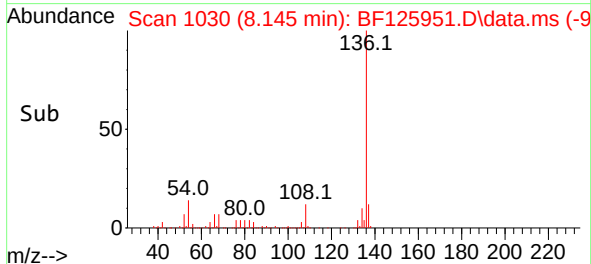
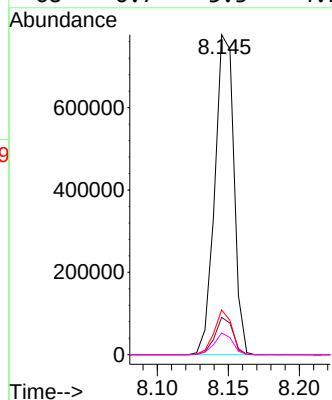
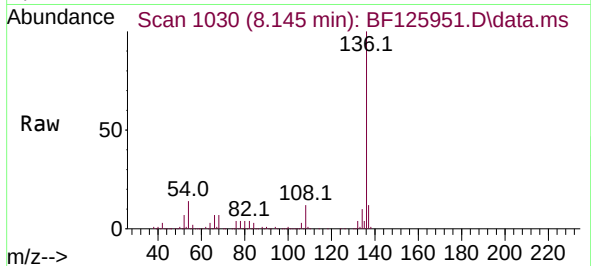




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

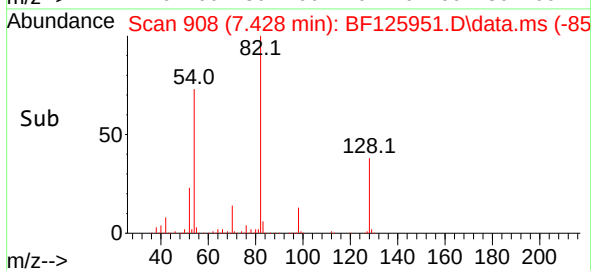
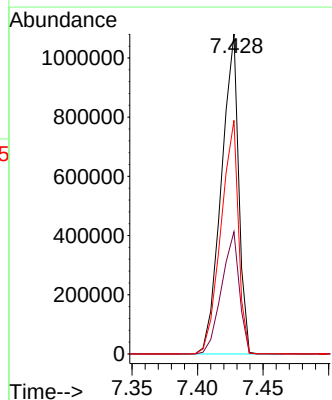
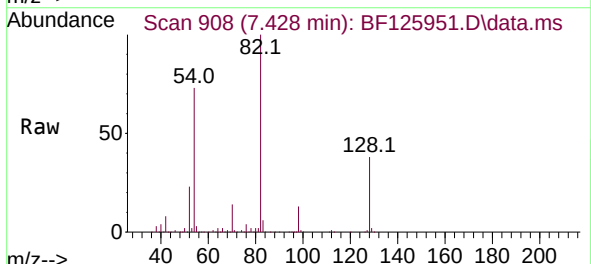
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BNA_F
ClientSampleId :
VNJ-229

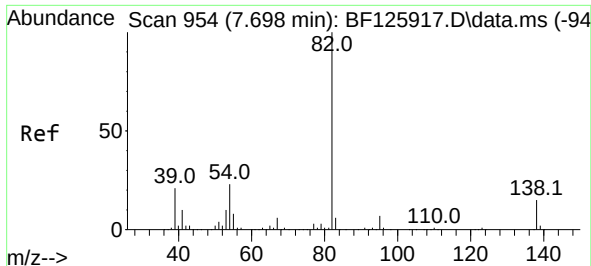
Tgt Ion:136	Resp: 727352
Ion Ratio	Lower Upper
136 100	
137 11.7	9.8 14.6
54 14.0	6.4 9.6#
68 6.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 70.466 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion: 82	Resp: 992264
Ion Ratio	Lower Upper
82 100	
128 38.2	40.6 60.8#
54 73.0	49.6 74.4

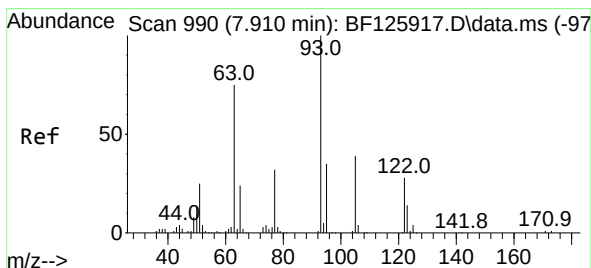
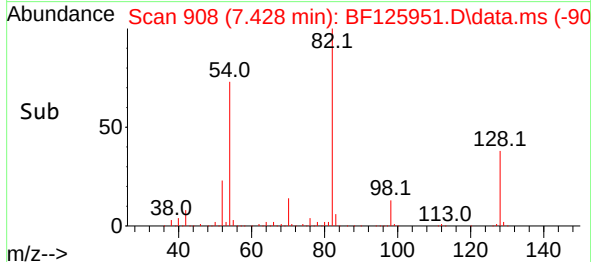
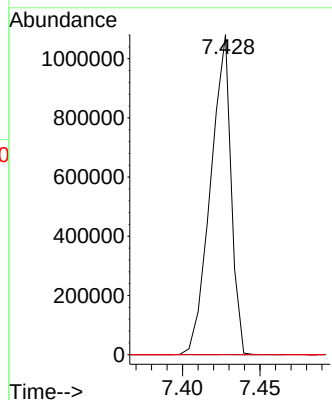
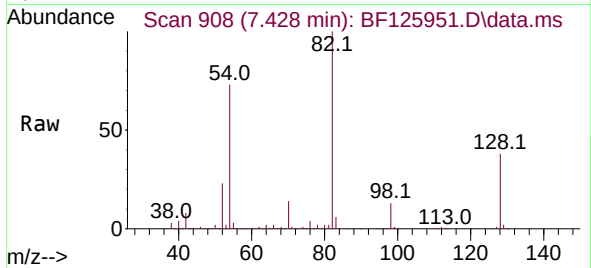




#25
Isophorone
Concen: 36.989 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.270 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

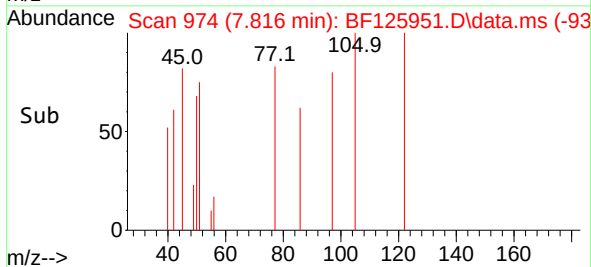
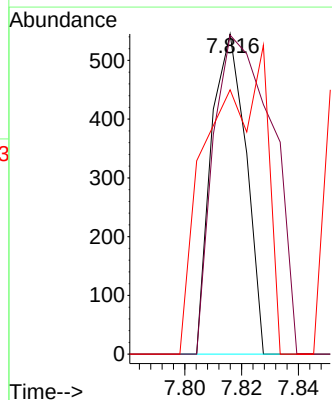
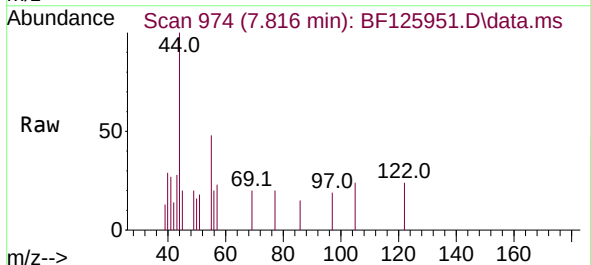
Instrument :
BNA_F
ClientSampleId :
VNJ-229

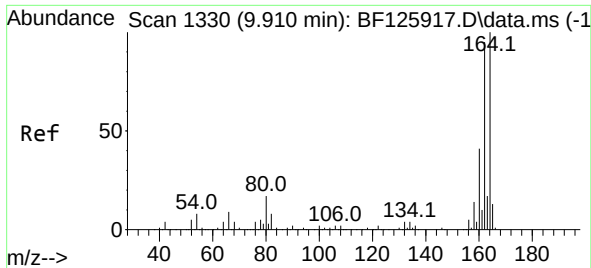
Tgt Ion: 82 Resp: 991887
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 4.225 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.094 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:122 Resp: 460
Ion Ratio Lower Upper
122 100
105 99.6 97.6 137.6
77 82.6 59.6 99.6

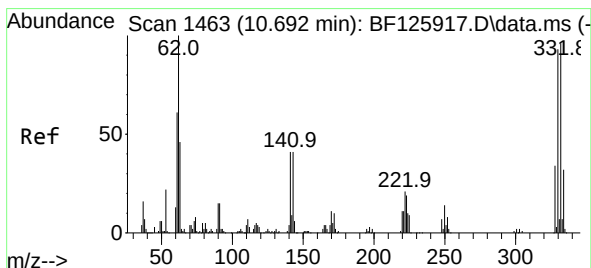
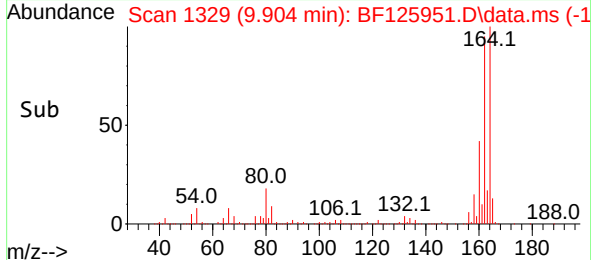
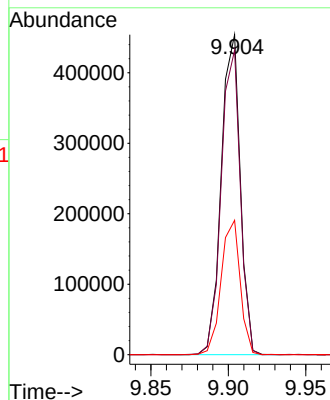
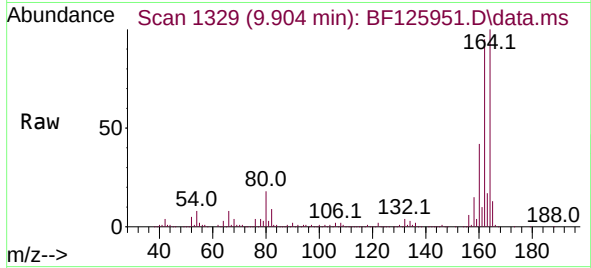




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

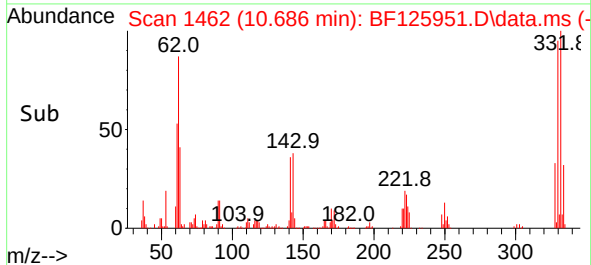
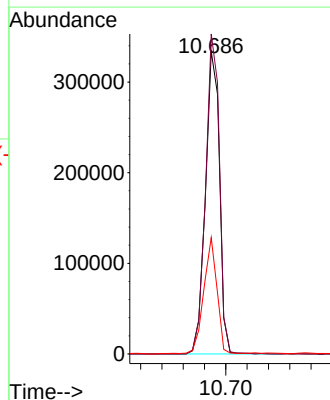
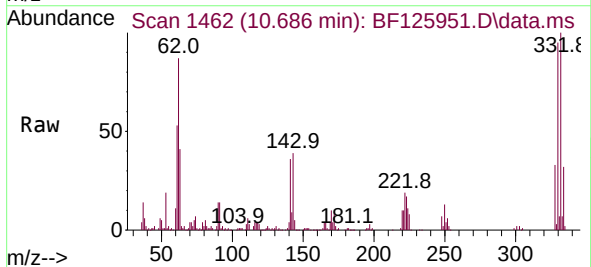
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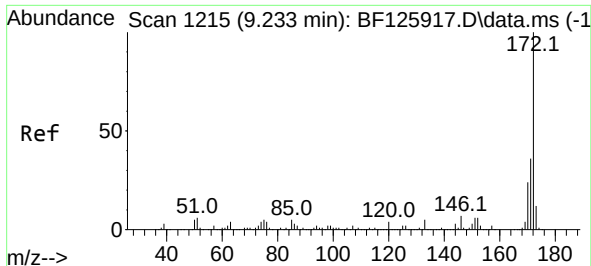
Tgt Ion:164 Resp: 388119
Ion Ratio Lower Upper
164 100
162 95.2 81.3 121.9
160 42.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 90.742 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:330 Resp: 307018
Ion Ratio Lower Upper
330 100
332 104.1 76.2 114.4
141 36.6 44.6 66.8#

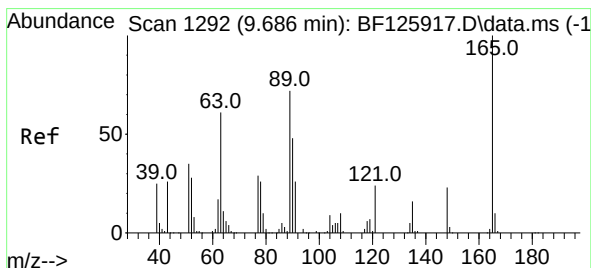
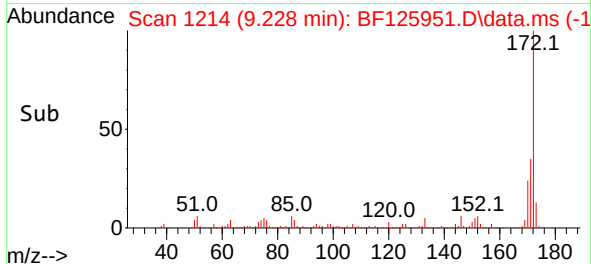
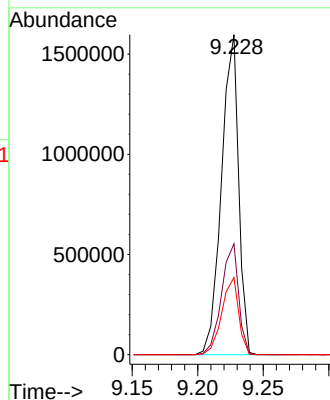
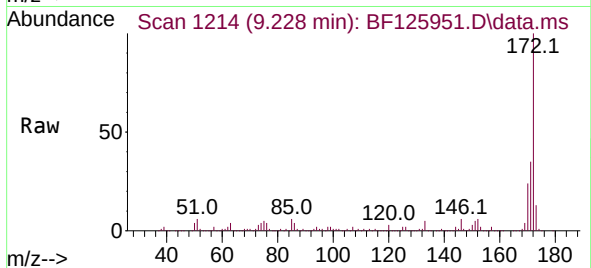




#45
2-Fluorobiphenyl
Concen: 65.956 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

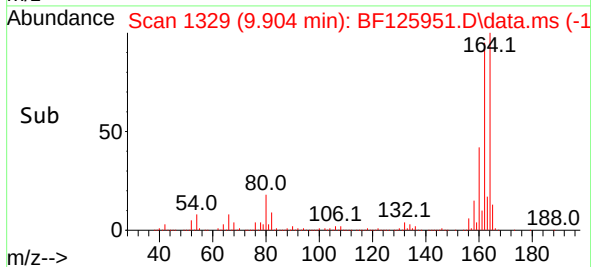
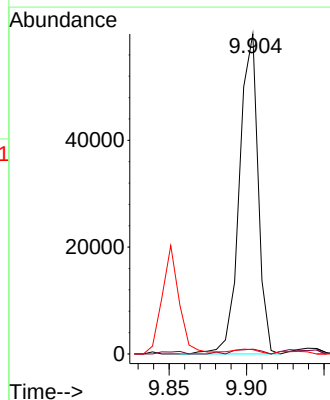
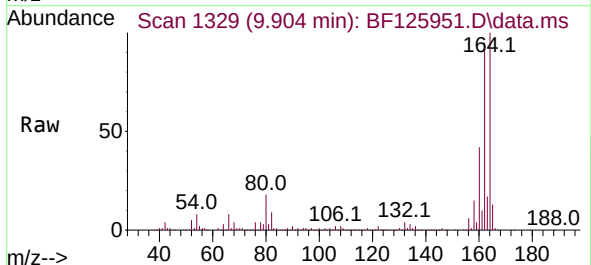
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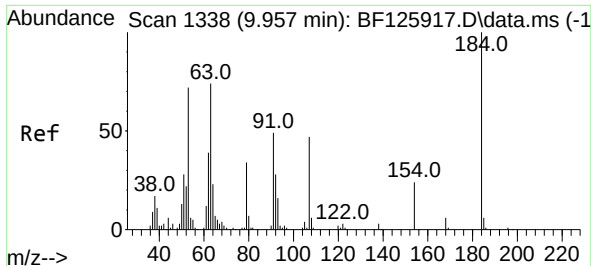
Tgt Ion:172 Resp: 1447536
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 24.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 10.576 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.218 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:165 Resp: 50152
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 1.4 40.6 60.8#

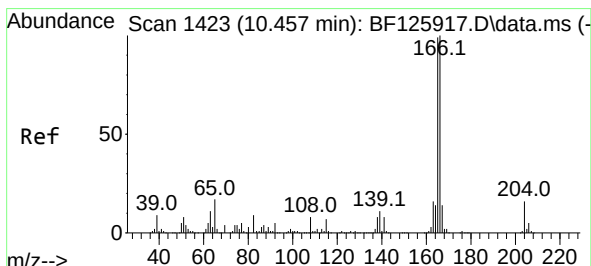
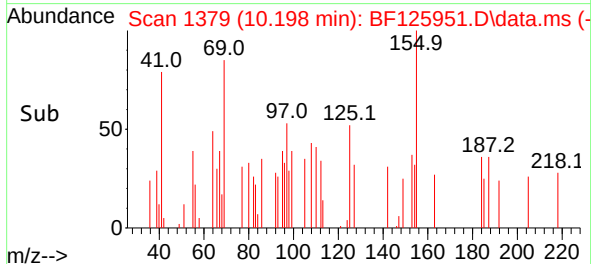
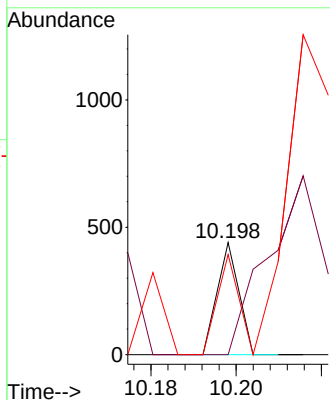
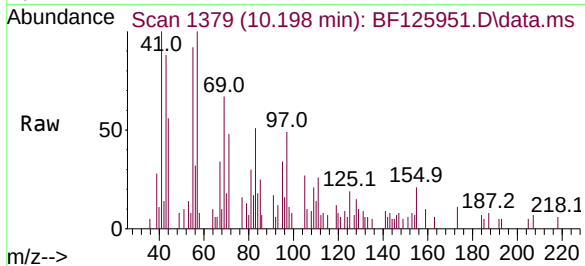




#54
2,4-Dinitrophenol
Concen: 7.193 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.241 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

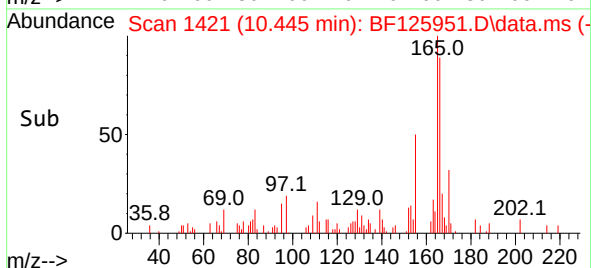
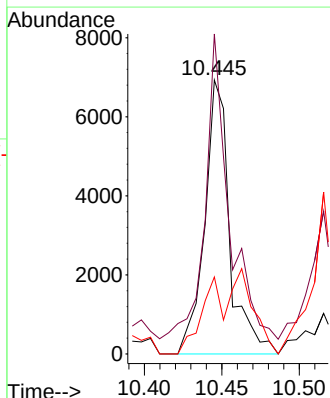
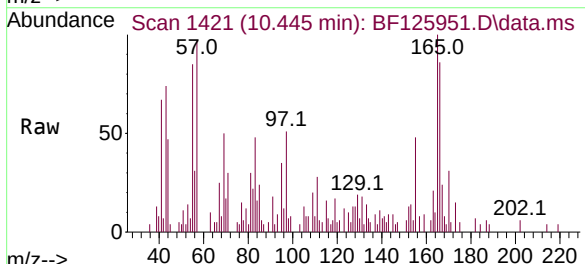
Instrument :
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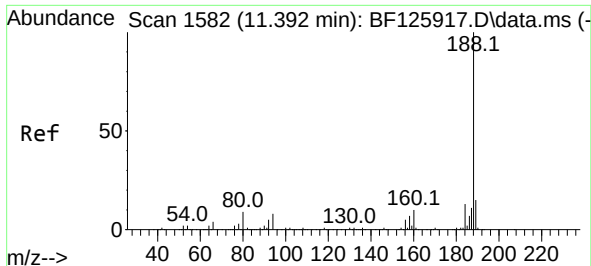
Tgt Ion:184 Resp: 155
Ion Ratio Lower Upper
184 100
63 0.0 59.3 88.9#
154 89.3 68.6 102.8



#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:166 Resp: 7804
Ion Ratio Lower Upper
166 100
165 116.8 78.1 117.1
167 28.1 11.1 16.7#

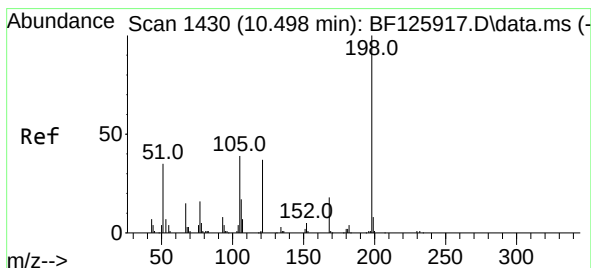
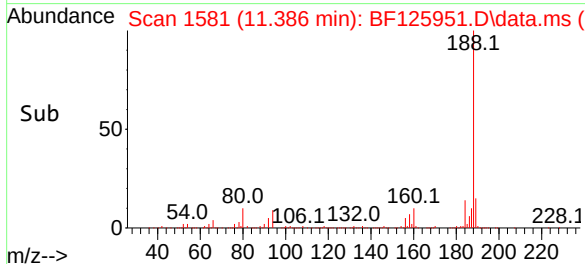
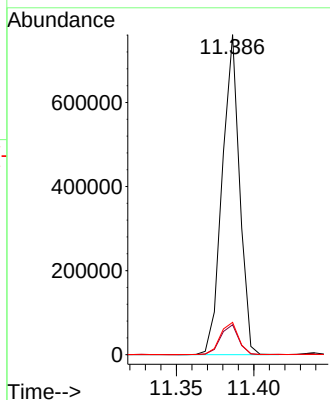
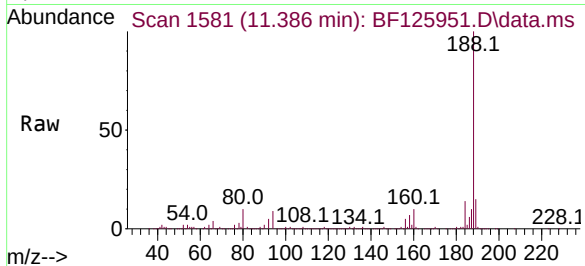




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

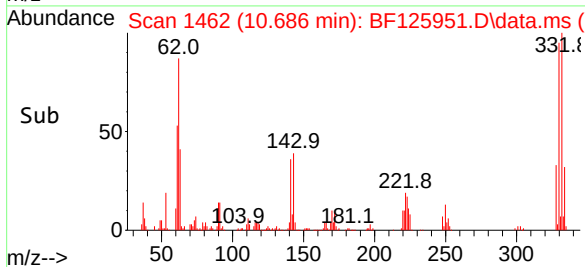
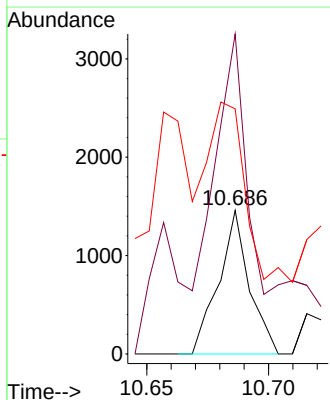
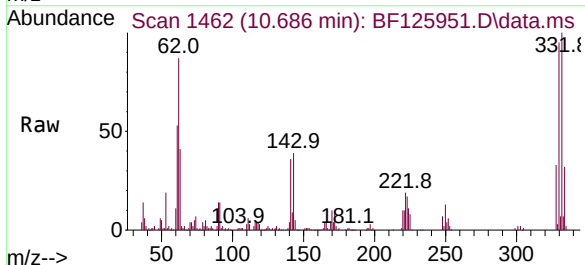
Instrument :
BNA_F
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VNJ-229

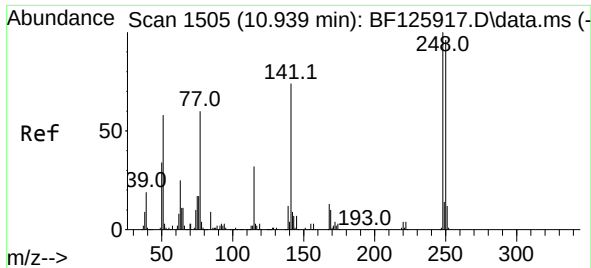
Tgt Ion:188 Resp: 592122
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.494 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:198 Resp: 1277
Ion Ratio Lower Upper
198 100
51 223.0 45.3 85.3#
105 170.8 30.6 70.6#

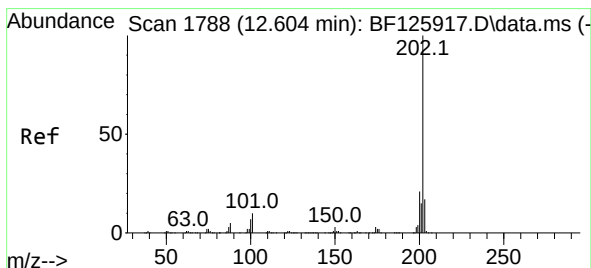
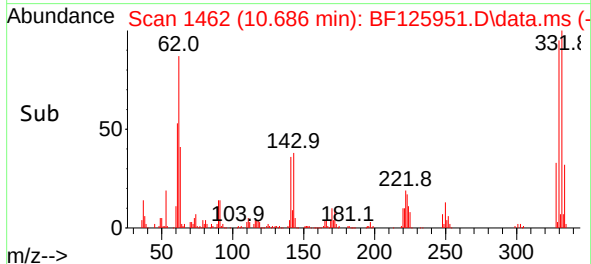
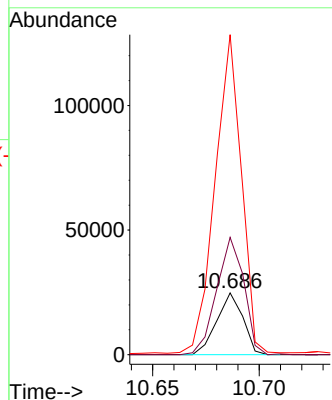
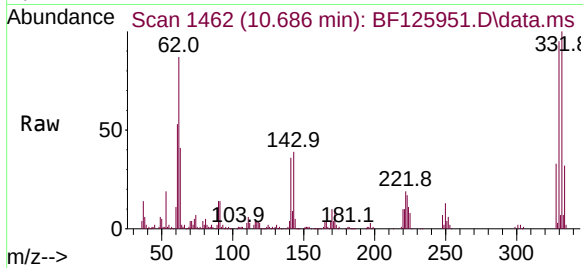




#67
4-Bromophenyl-phenylether
Concen: 3.341 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

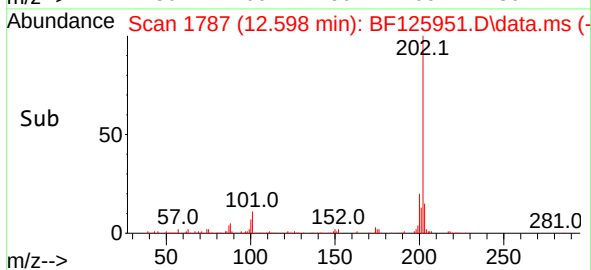
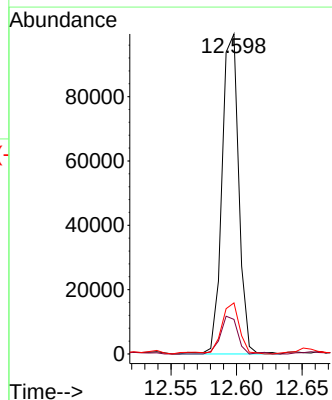
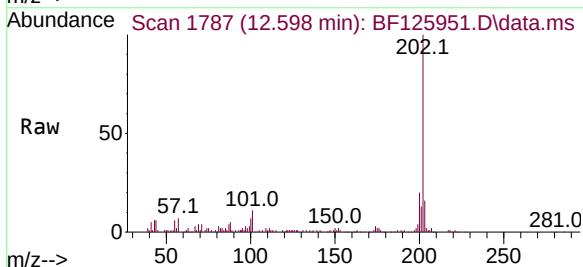
Instrument :
BNA_F
ClientSampleId :
VNJ-229

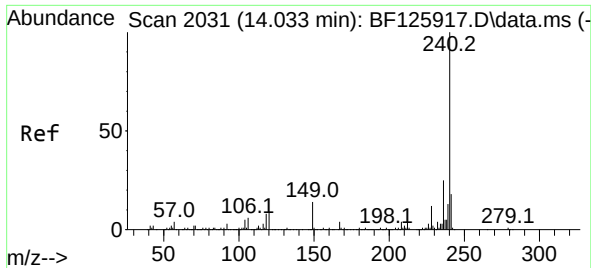
Tgt Ion:248 Resp: 21133
Ion Ratio Lower Upper
248 100
250 190.0 74.2 111.4#
141 518.4 60.4 90.6#



#75
Fluoranthene
Concen: 2.847 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:202 Resp: 88174
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 16.0 0.0 36.3

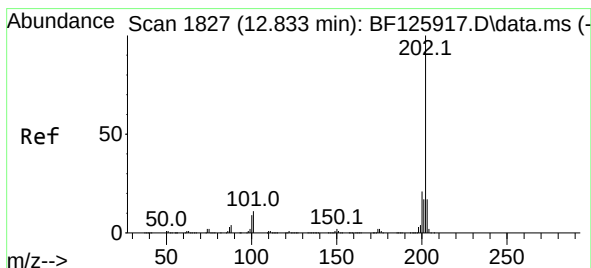
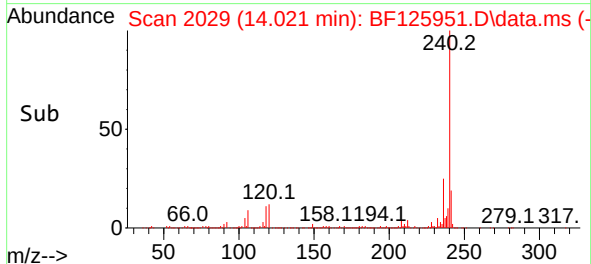
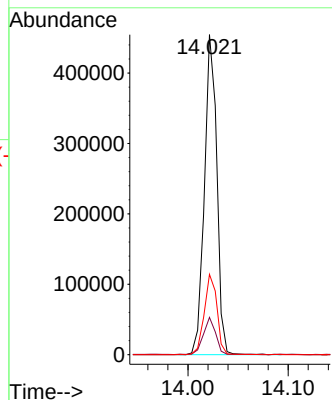
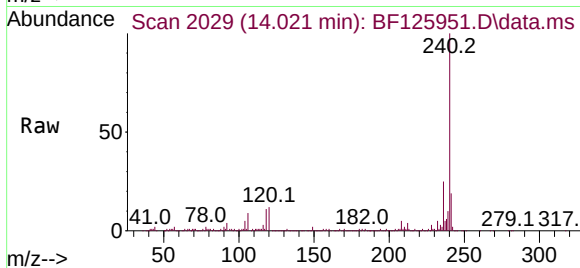




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

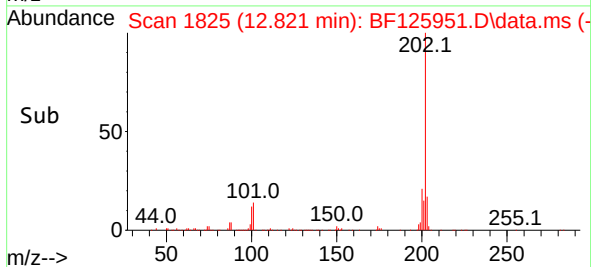
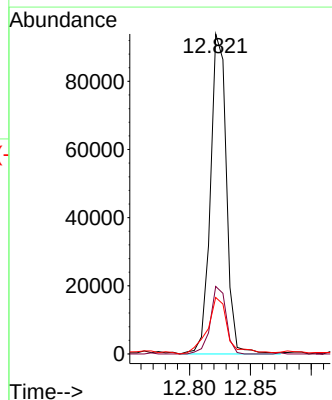
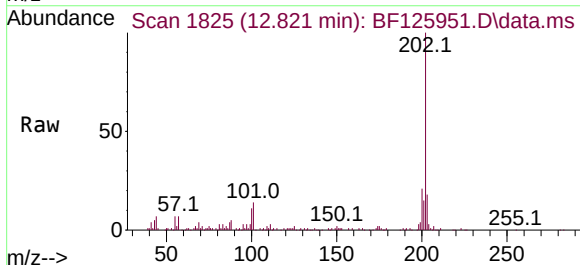
Instrument :
BNA_F
ClientSampleId :
VNJ-229

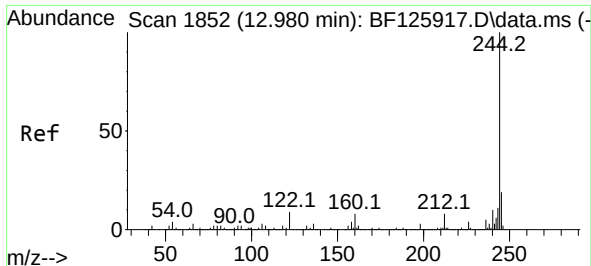
Tgt Ion:240 Resp: 392119
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.1 21.6 32.4



#78
Pyrene
Concen: 2.366 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:202 Resp: 86326
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 17.7 13.4 20.0

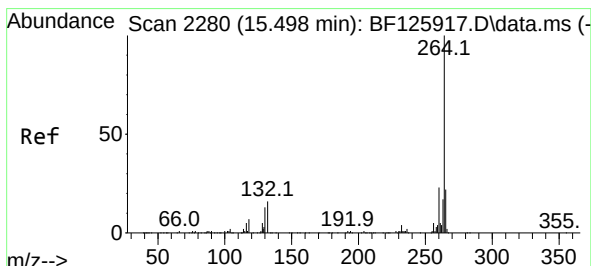
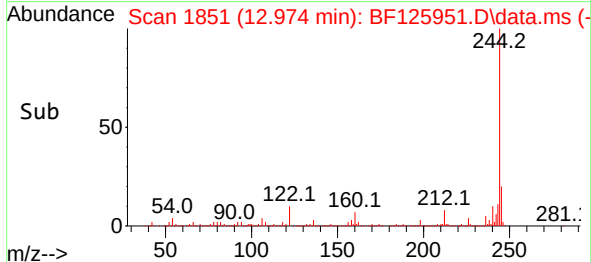
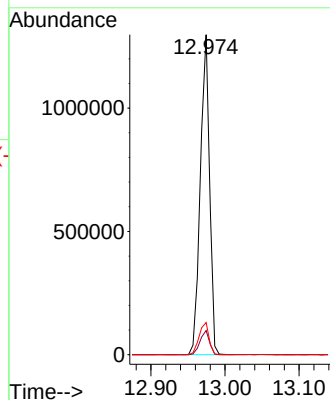
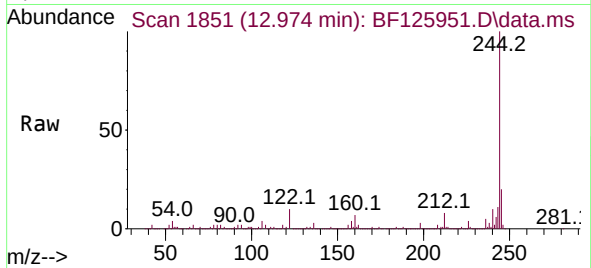




#79
Terphenyl-d14
Concen: 46.746 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

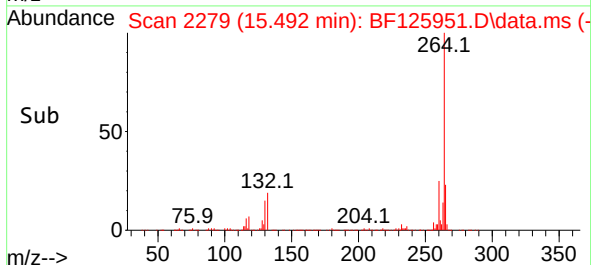
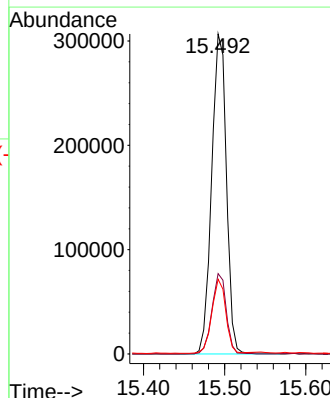
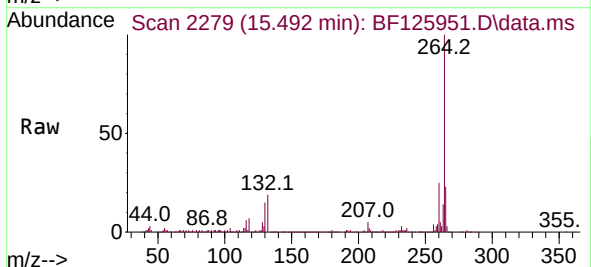
Instrument :
BNA_F
ClientSampleId :
VNJ-229

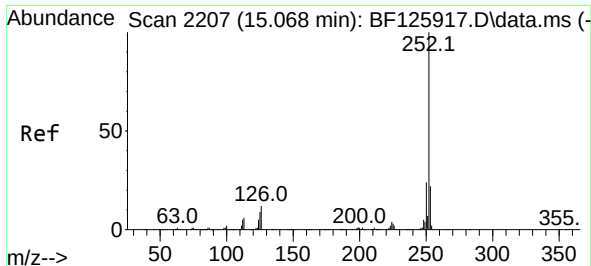
Tgt Ion:244 Resp: 1120592
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:264 Resp: 387136
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 23.3 17.2 25.8

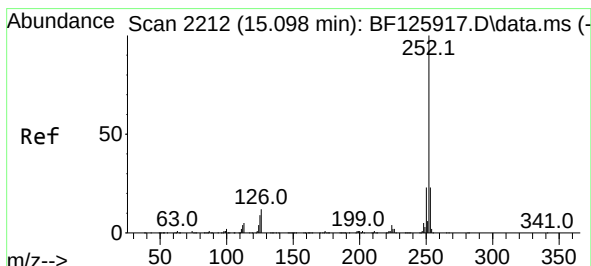
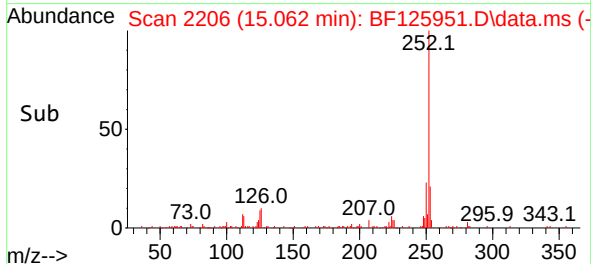
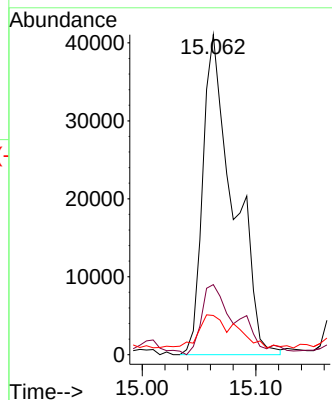
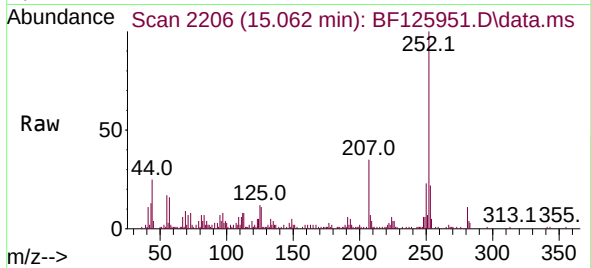




#88
Benzo(b)fluoranthene
Concen: 2.996 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Instrument :
BNA_F
ClientSampleId :
VNJ-229

Tgt Ion:252 Resp: 76546
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 12.2 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 3.119 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.035 min
Lab File: BF125951.D
Acq: 27 Oct 2021 00:23

Tgt Ion:252 Resp: 76546
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 12.2 7.2 10.8#

