

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
 Data File : BN019767.D
 Acq On : 13 May 2022 12:30
 Operator : CG/JU
 Sample : N2656-12DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: May 13 23:59:11 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 02:41:37 2022
 Response via : Initial Calibration

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

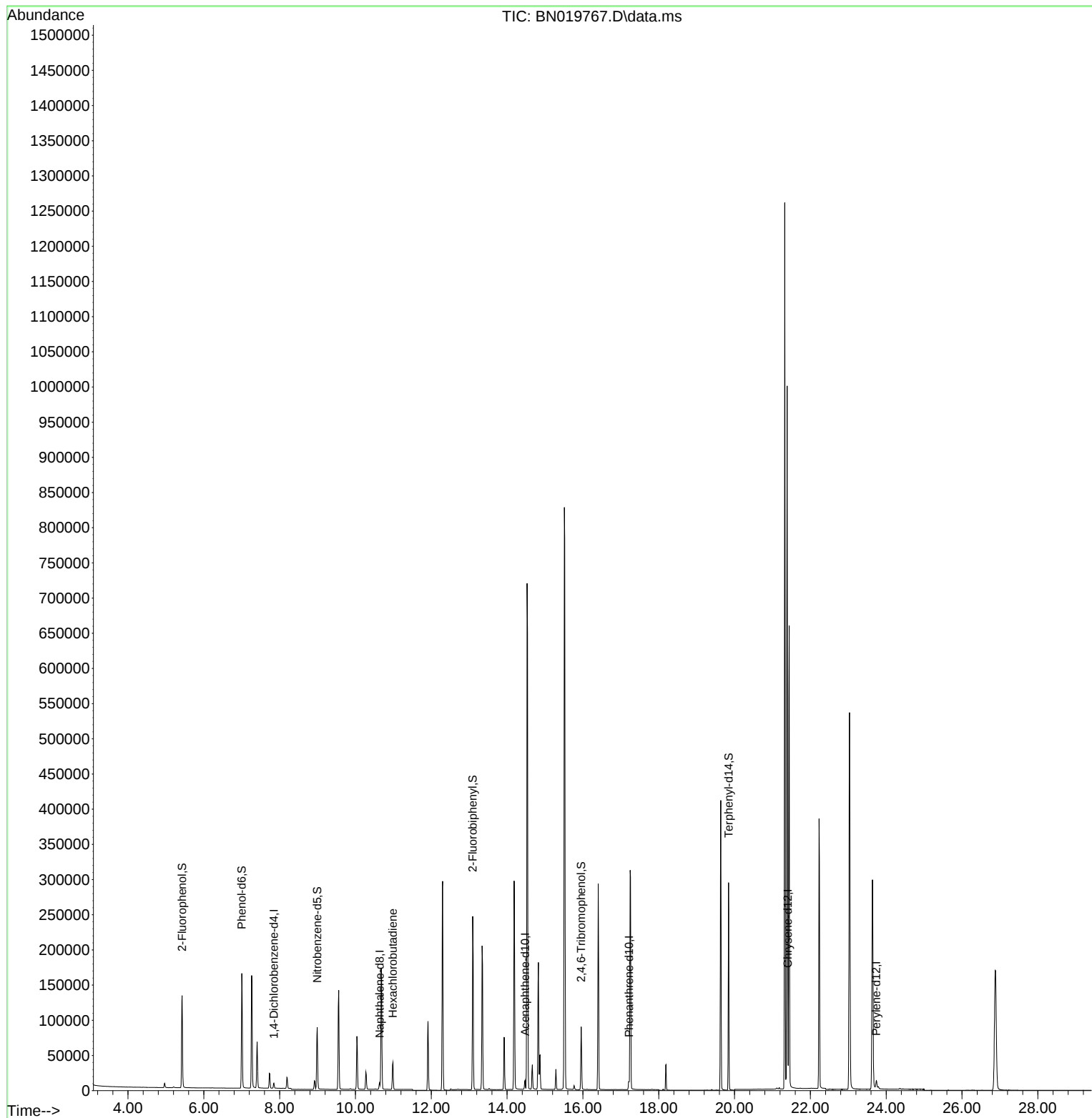
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	3637	0.400	ng	-0.01
7) Naphthalene-d8	10.637	136	12063	0.400	ng	#-0.01
13) Acenaphthene-d10	14.474	164	7264	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	16376	0.400	ng	0.00
29) Chrysene-d12	21.404	240	16643	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	15796	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	109124	11.995	ng	-0.01
5) Phenol-d6	7.002	99	148696	13.042	ng	-0.02
8) Nitrobenzene-d5	8.993	82	71146	7.810	ng	-0.01
11) 2-Methylnaphthalene-d10	12.219	152	1	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	15.954	330	44385	15.458	ng	-0.01
15) 2-Fluorobiphenyl	13.095	172	214286	6.757	ng	-0.01
27) Fluoranthene-d10	19.240	212	26	0.001	ng	0.00
31) Terphenyl-d14	19.843	244	316328	8.060	ng	0.00
Target Compounds						Qvalue
10) Hexachlorobutadiene	10.989	225	33535	5.035	ng	# 100

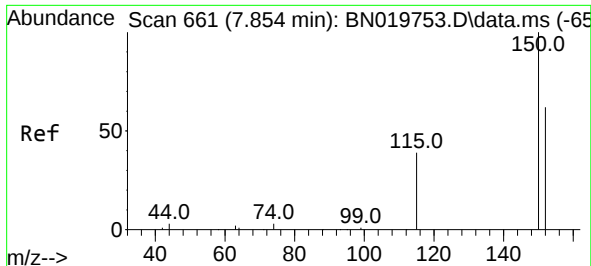
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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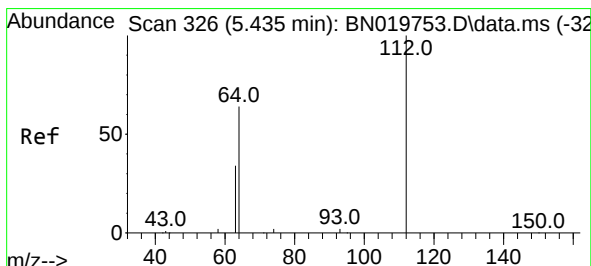
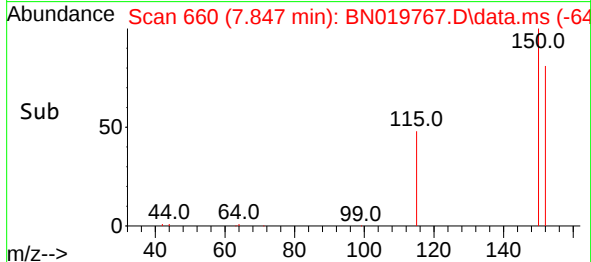
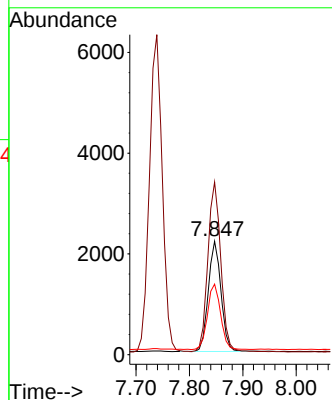
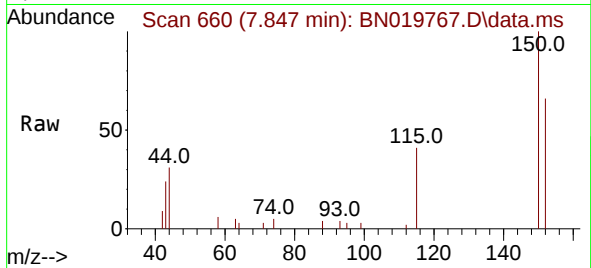




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.847 min Scan# 60
 Delta R.T. -0.015 min
 Lab File: BN019767.D
 Acq: 13 May 2022 12:30

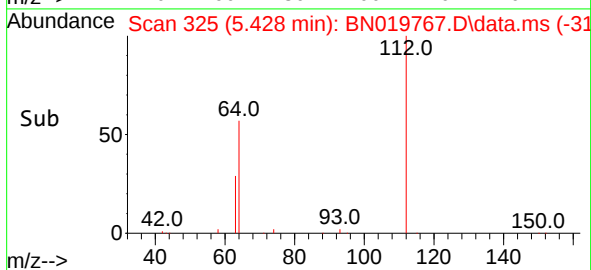
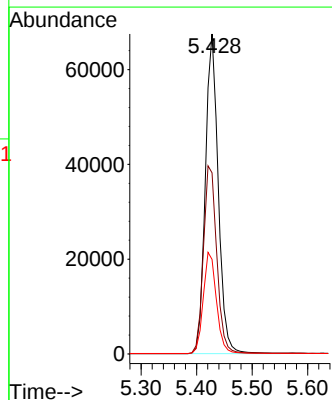
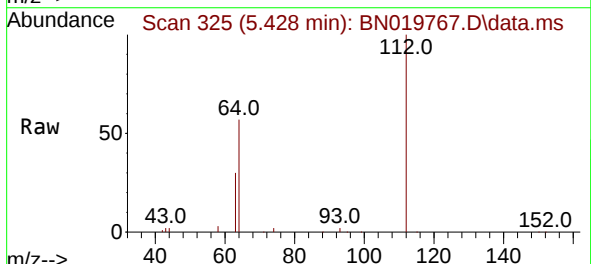
Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOILD

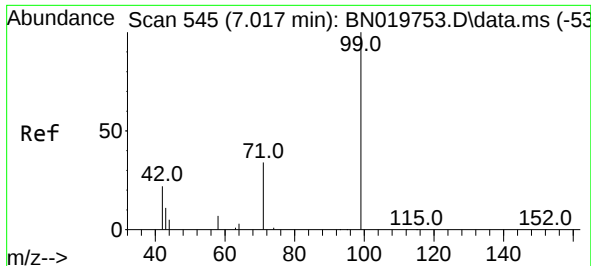
Tgt Ion:152 Resp: 3637
 Ion Ratio Lower Upper
 152 100
 150 152.2 127.9 191.9
 115 62.2 51.4 77.2



#4
 2-Fluorophenol
 Concen: 11.995 ng
 RT: 5.428 min Scan# 325
 Delta R.T. -0.015 min
 Lab File: BN019767.D
 Acq: 13 May 2022 12:30

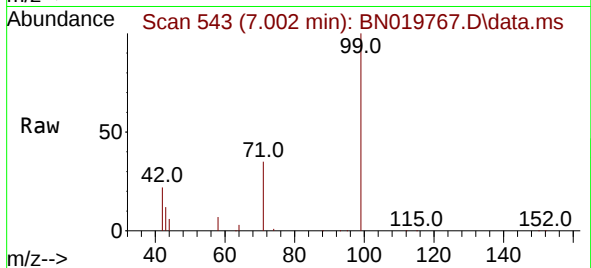
Tgt Ion:112 Resp: 109124
 Ion Ratio Lower Upper
 112 100
 64 61.2 49.1 73.7
 63 32.4 26.3 39.5



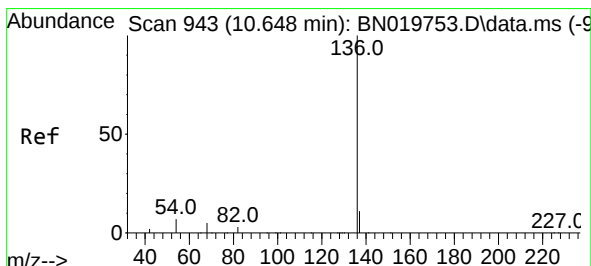
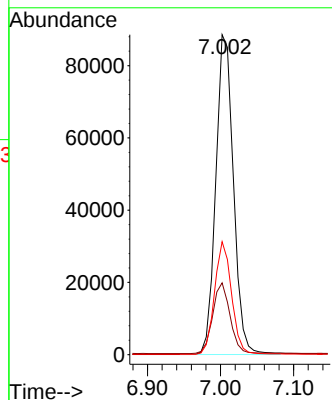
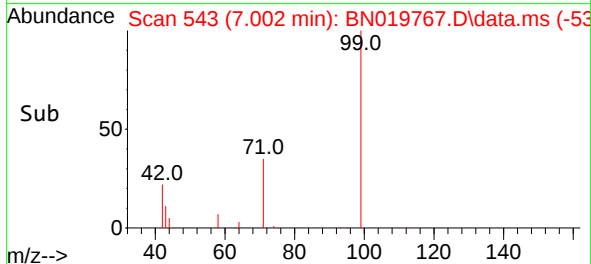


#5
Phenol-d6
Concen: 13.042 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.022 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

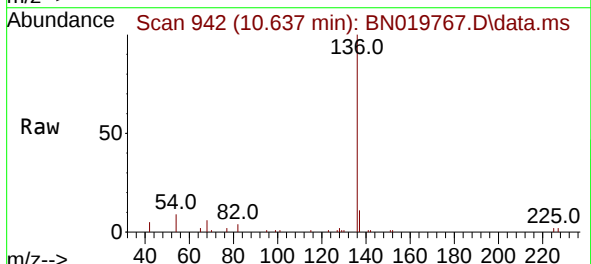
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BNA_N
ClientSampleId :
PT-BNA-SOILD



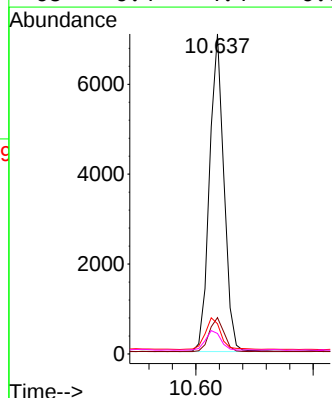
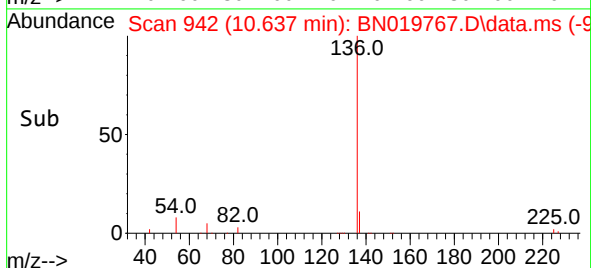
Tgt Ion: 99 Resp: 148696
Ion Ratio Lower Upper
99 100
42 21.7 19.3 28.9
71 34.1 27.5 41.3

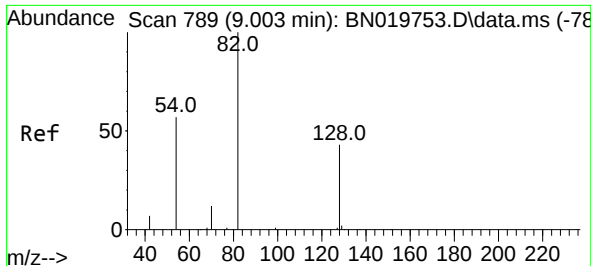


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30



Tgt Ion: 136 Resp: 12063
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 9.4 6.2 9.2#
68 6.4 4.4 6.6

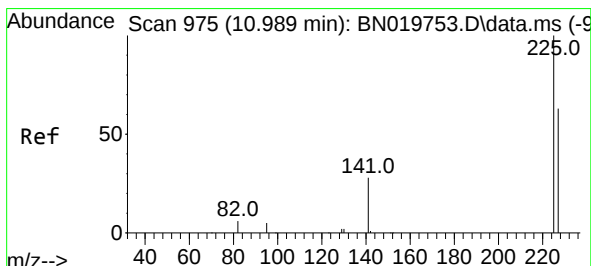
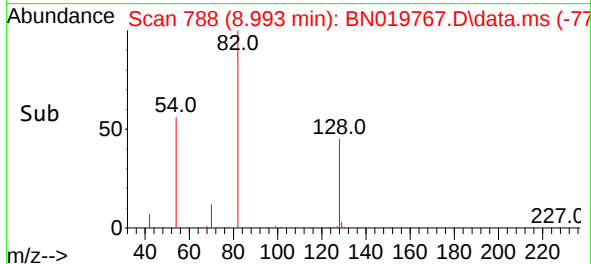
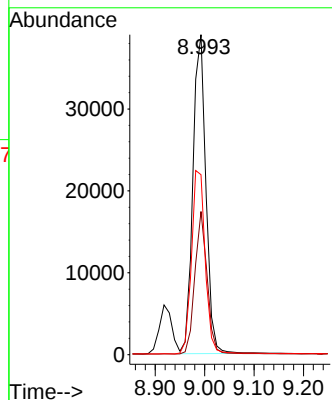
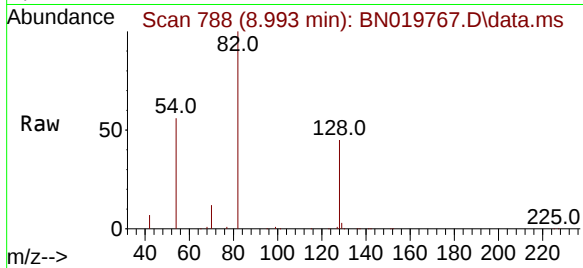




#8
Nitrobenzene-d5
Concen: 7.810 ng
RT: 8.993 min Scan# 711
Delta R.T. -0.011 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

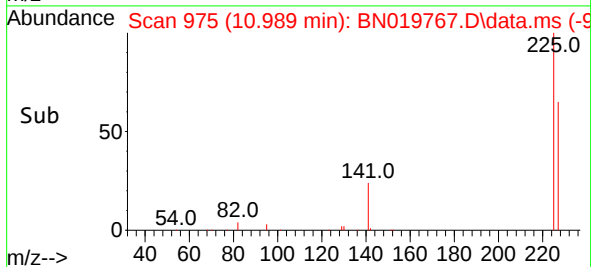
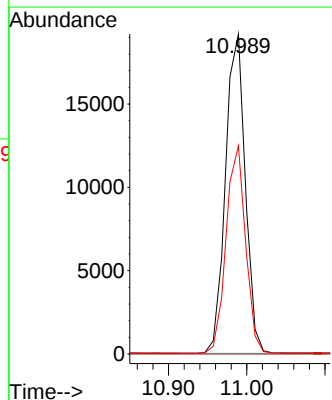
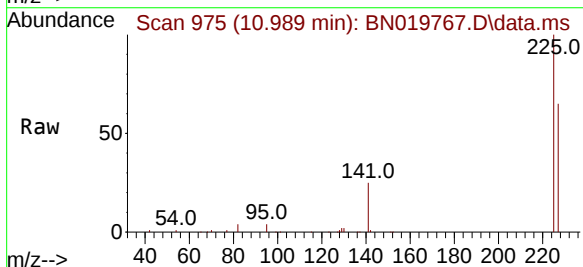
Instrument :
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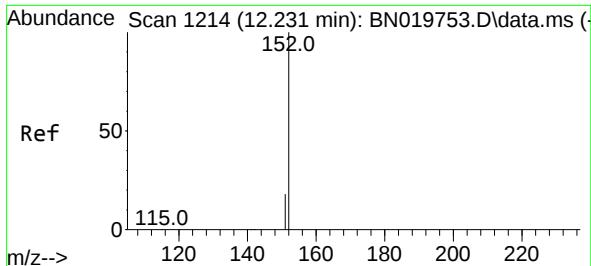
Tgt Ion: 82 Resp: 71146
Ion Ratio Lower Upper
82 100
128 44.8 35.0 52.6
54 56.2 46.2 69.4



#10
Hexachlorobutadiene
Concen: 5.035 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

Tgt Ion: 225 Resp: 33535
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 50.9 76.3

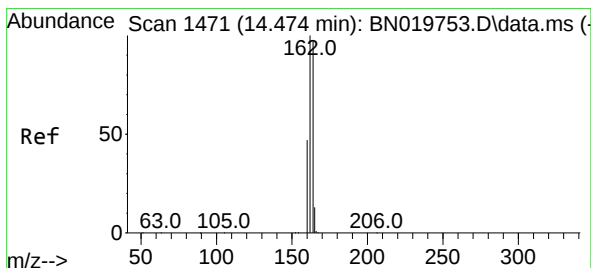
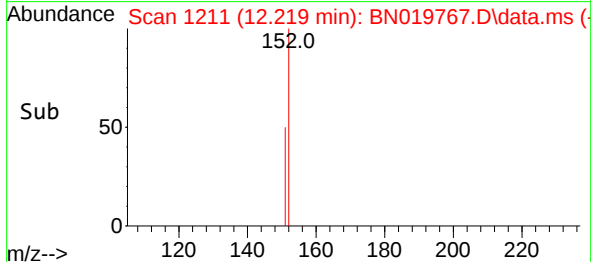
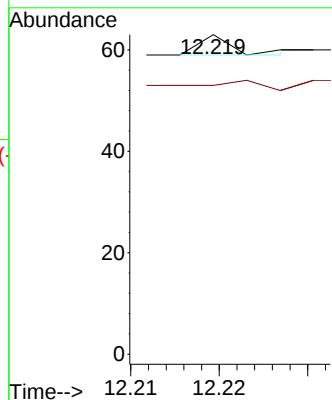
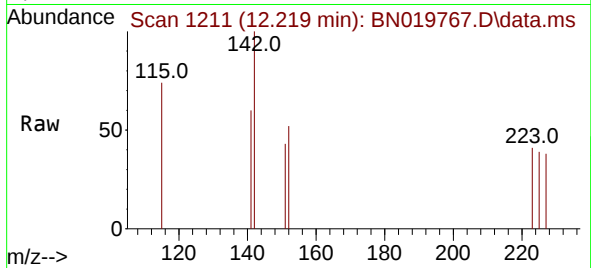




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.219 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

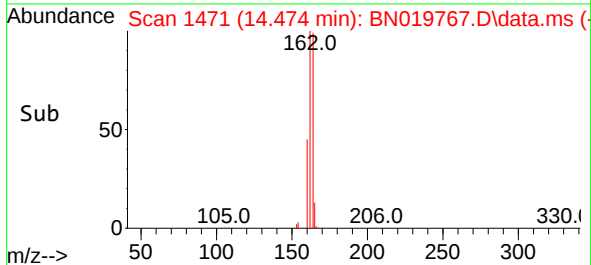
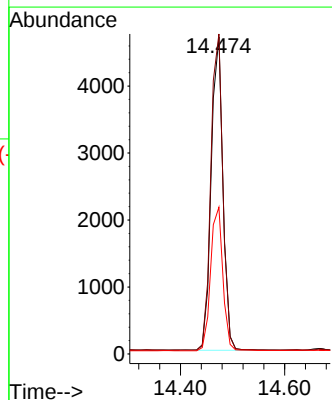
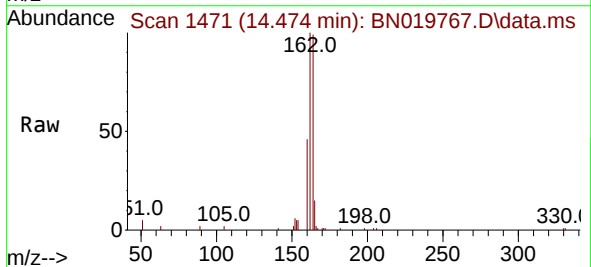
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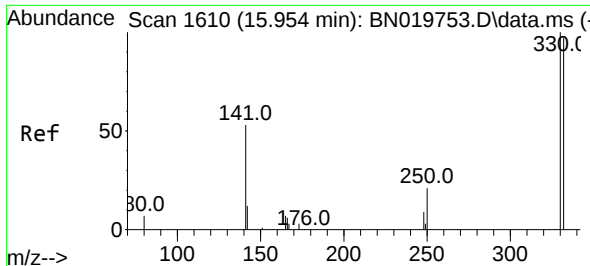
Tgt Ion:152 Resp: 1
Ion Ratio Lower Upper
152 100
151 200.0 16.2 24.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

Tgt Ion:164 Resp: 7264
Ion Ratio Lower Upper
164 100
162 100.9 82.1 123.1
160 46.3 38.6 58.0

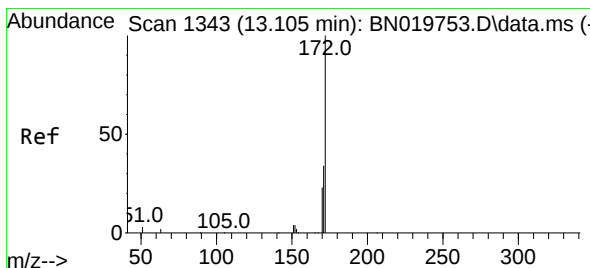
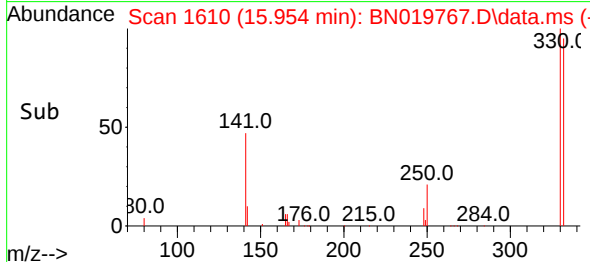
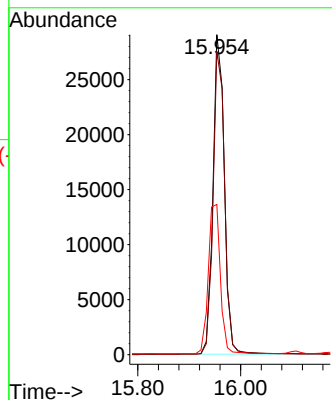
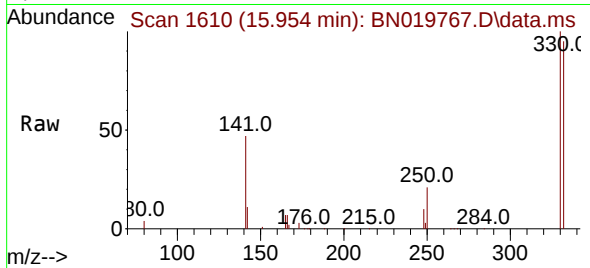




#14
2,4,6-Tribromophenol
Concen: 15.458 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

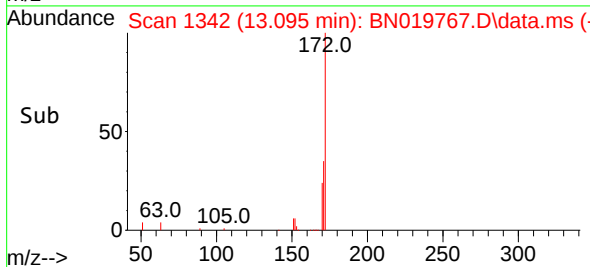
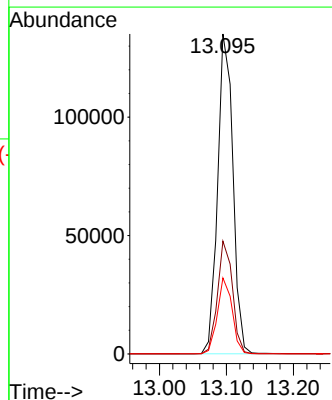
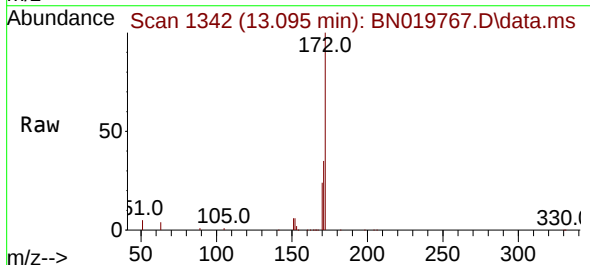
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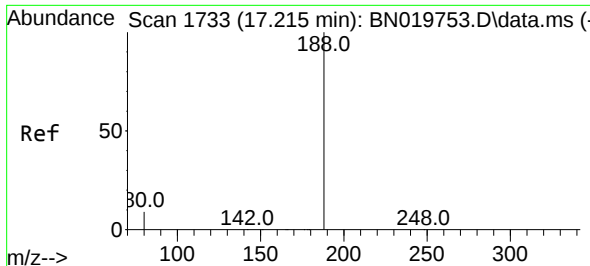
Tgt Ion:330 Resp: 44385
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 49.9 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 6.757 ng
RT: 13.095 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

Tgt Ion:172 Resp: 214286
Ion Ratio Lower Upper
172 100
171 35.3 27.2 40.8
170 23.8 18.2 27.4

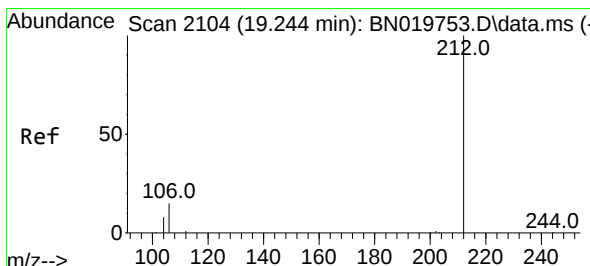
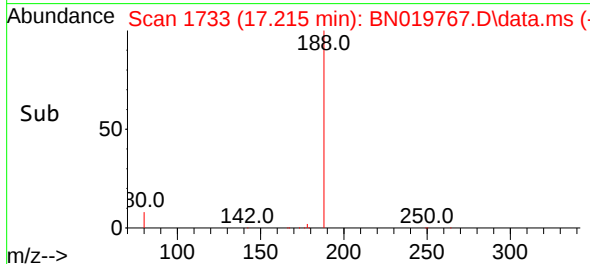
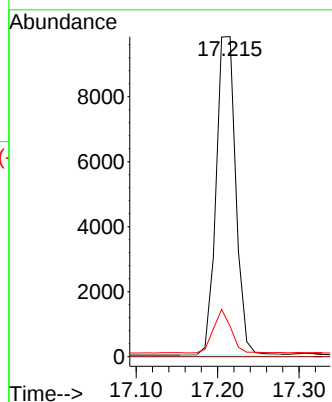
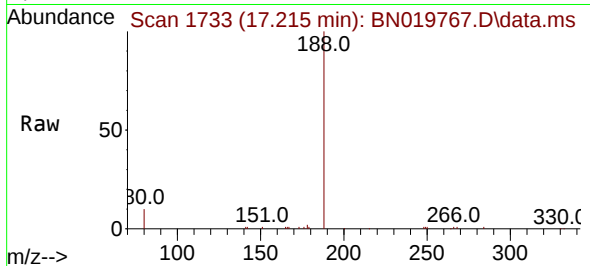




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

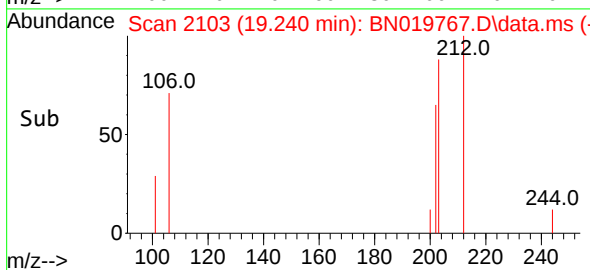
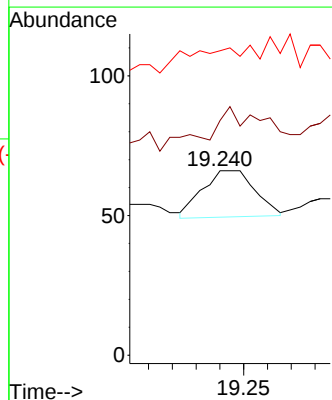
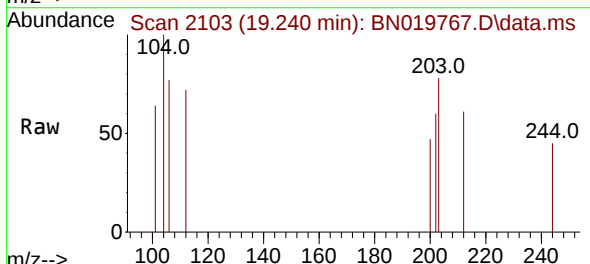
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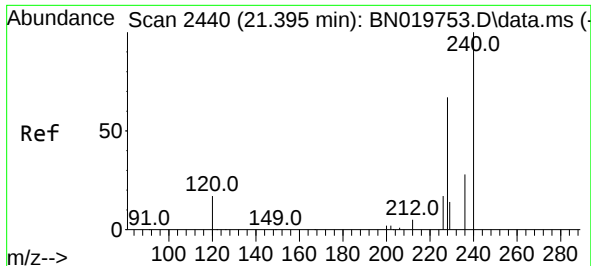
Tgt Ion:188 Resp: 16376
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.240 min Scan# 2103
Delta R.T. -0.009 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

Tgt Ion:212 Resp: 26
Ion Ratio Lower Upper
212 100
106 107.7 12.6 19.0#
104 53.8 7.2 10.8#

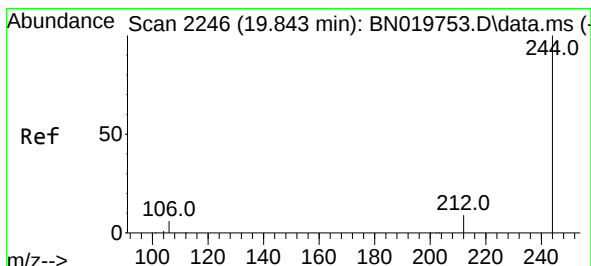
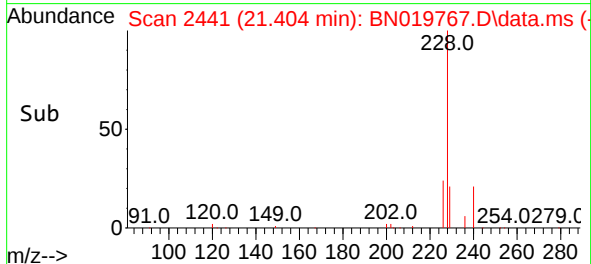
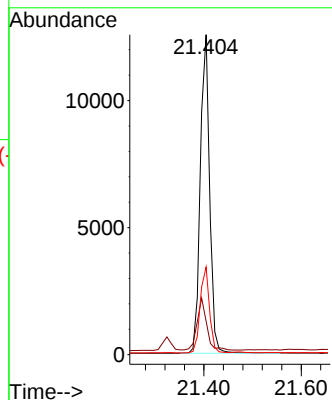
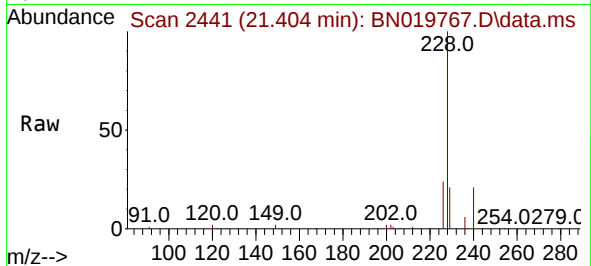




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

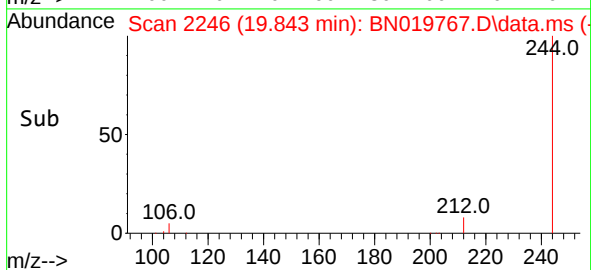
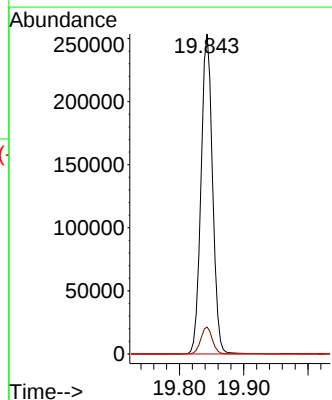
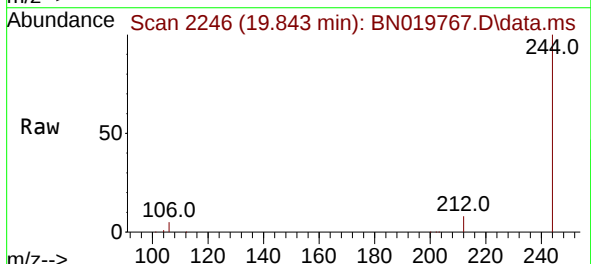
Instrument :
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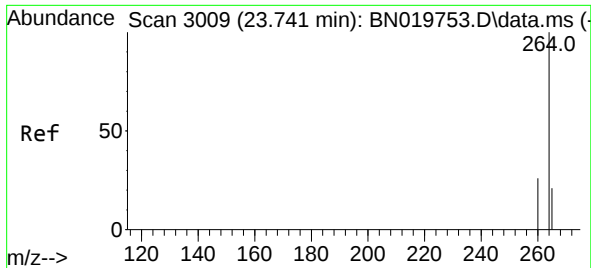
Tgt Ion:240 Resp: 16643
Ion Ratio Lower Upper
240 100
120 10.5 14.6 21.8#
236 27.4 22.6 33.8



#31
Terphenyl-d14
Concen: 8.060 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BN019767.D
Acq: 13 May 2022 12:30

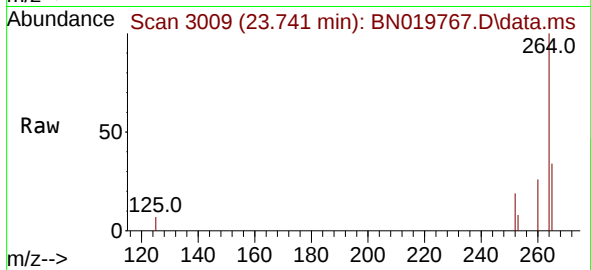
Tgt Ion:244 Resp: 316328
Ion Ratio Lower Upper
244 100
212 8.4 7.1 10.7
122 0.0 0.0 0.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.741 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN019767.D
 Acq: 13 May 2022 12:30

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOILDL



Tgt Ion:264 Resp: 15796

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.9	31.3
265	33.9	28.0	42.0

