

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
 Data File : BN019766.D
 Acq On : 13 May 2022 11:21
 Operator : CG/JU
 Sample : N2656-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: May 13 23:59:05 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)

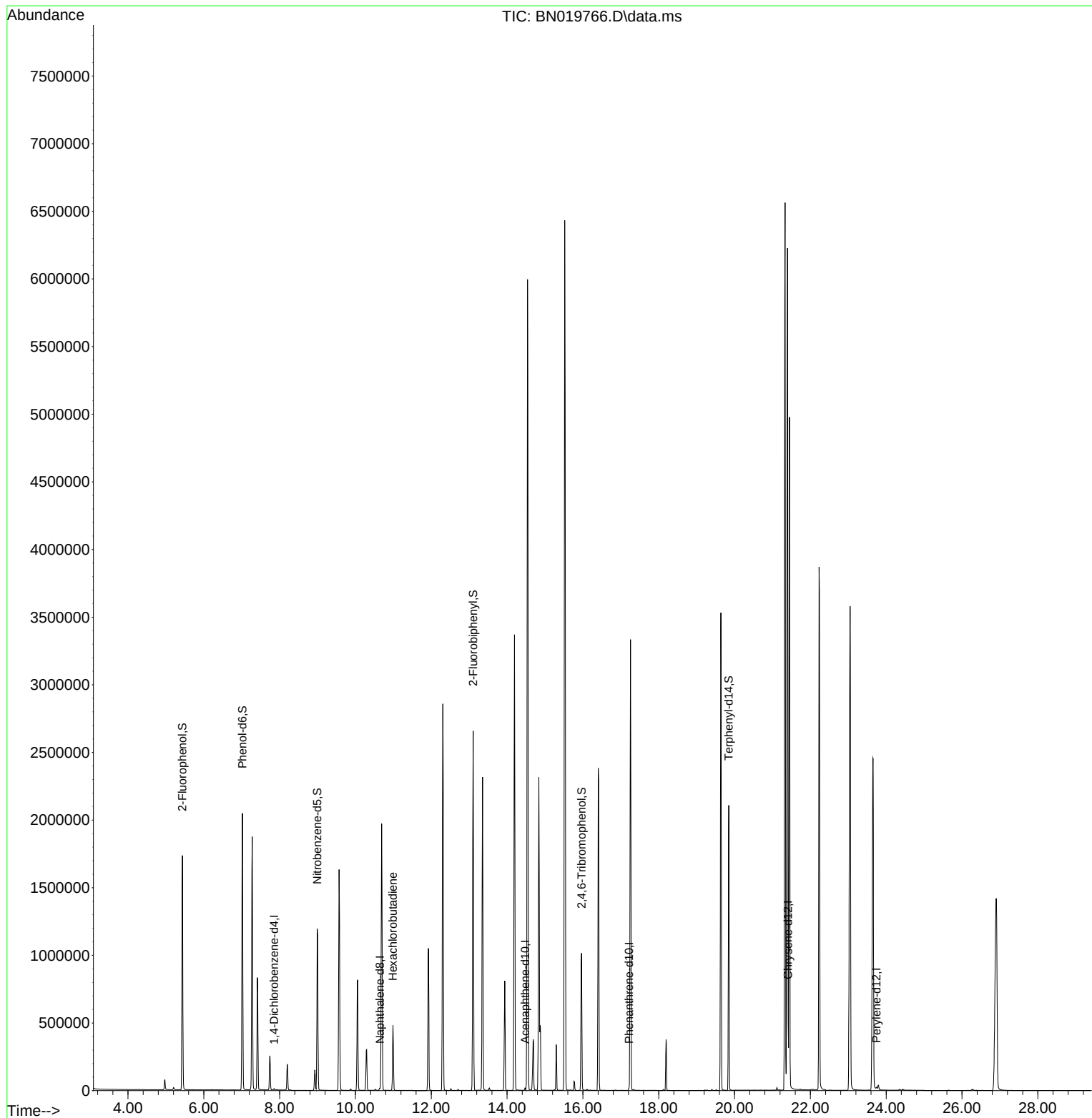
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4748	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	16296	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	9725	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	21991	0.400	ng	0.00
29) Chrysene-d12	21.413	240	17200	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	20542	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1341727	112.973	ng	0.00
5) Phenol-d6	7.017	99	1844730	123.939	ng	0.00
8) Nitrobenzene-d5	8.993	82	961281	78.113	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	5	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	15.964	330	565004	146.982	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	2351069	55.373	ng	0.00
27) Fluoranthene-d10	19.248	212	28	0.000	ng	0.00
31) Terphenyl-d14	19.847	244	2620919	64.620	ng	0.00
Target Compounds						
10) Hexachlorobutadiene	10.989	225	395677	43.979	ng	Qvalue # 100

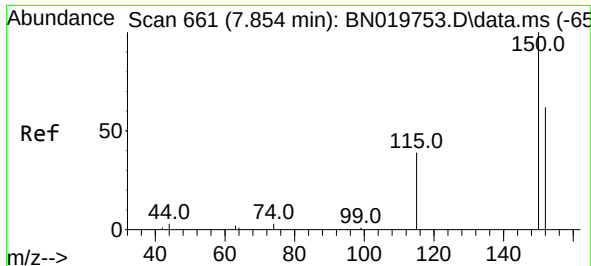
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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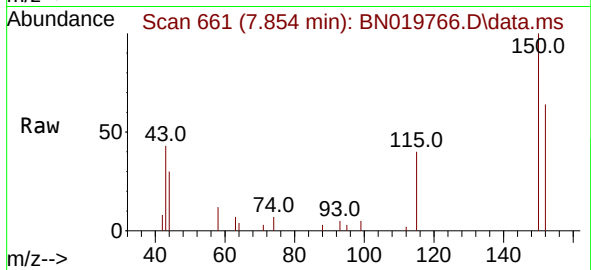
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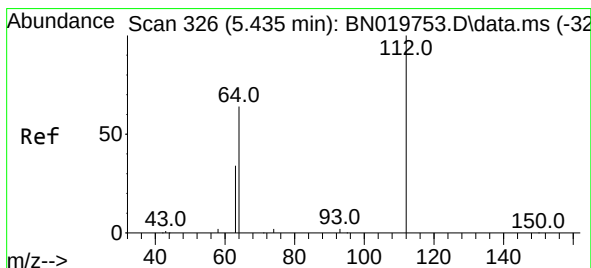
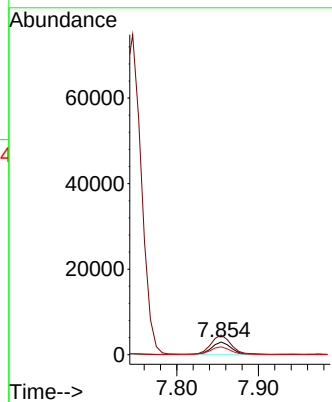
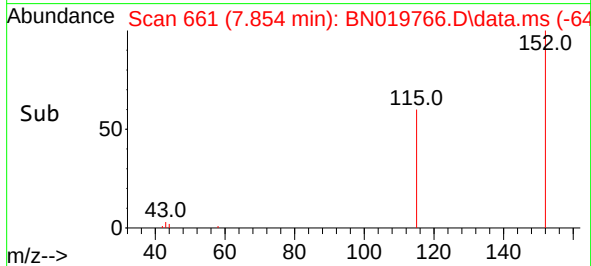


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. -0.008 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

Instrument :
BNA_N
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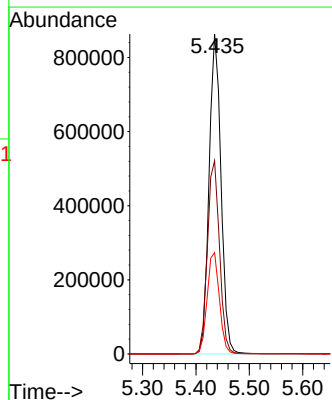
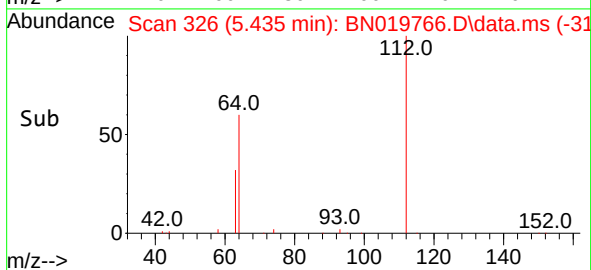
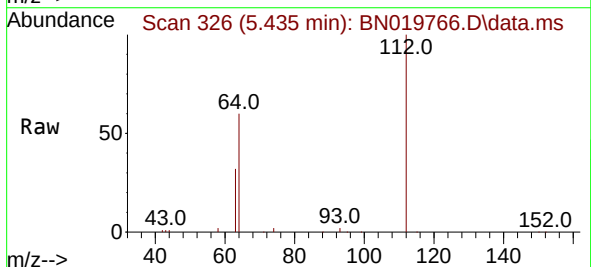


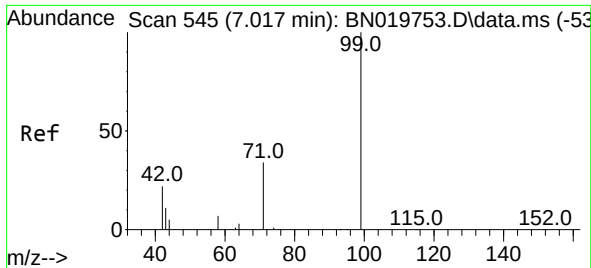
Tgt Ion:152 Resp: 4748
Ion Ratio Lower Upper
152 100
150 156.1 127.9 191.9
115 62.8 51.4 77.2



#4
2-Fluorophenol
Concen: 112.973 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

Tgt Ion:112 Resp: 1341727
Ion Ratio Lower Upper
112 100
64 61.5 49.1 73.7
63 32.6 26.3 39.5

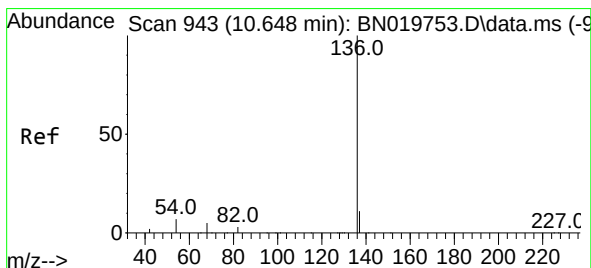
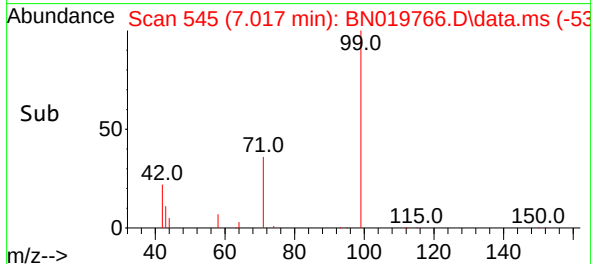
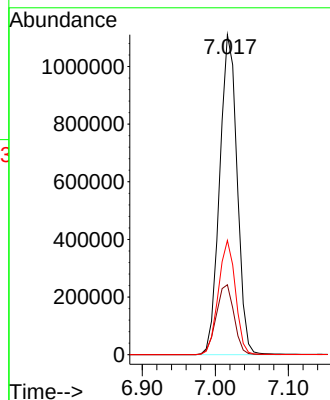
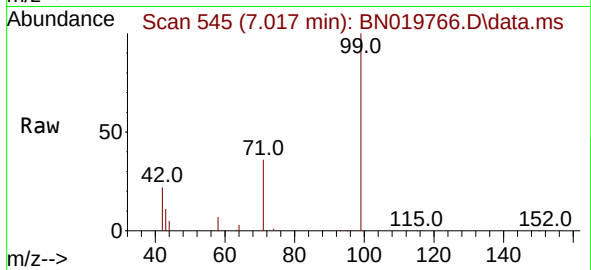




#5
Phenol-d6
Concen: 123.939 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

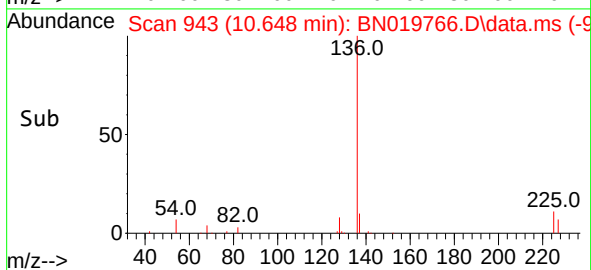
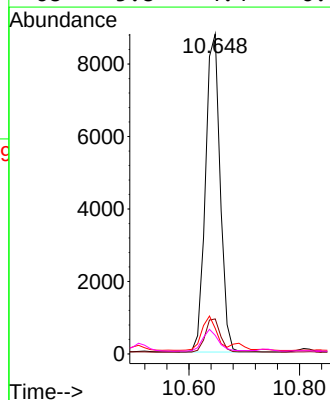
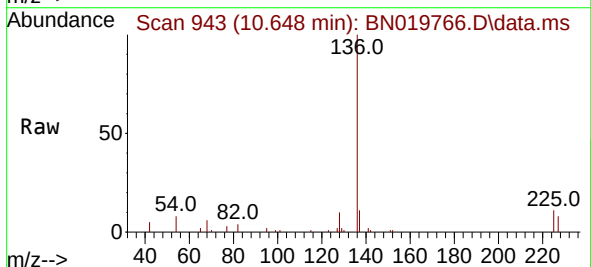
Instrument :
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ClientSampleId :
PT-BNA-SOIL

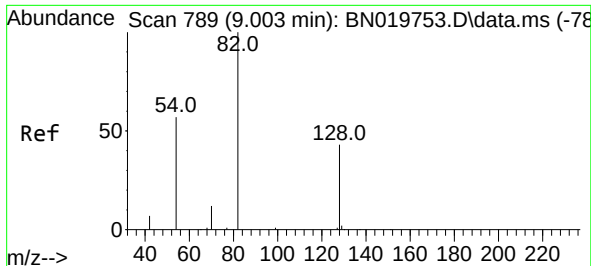
Tgt Ion: 99 Resp: 1844730
Ion Ratio Lower Upper
99 100
42 22.2 19.3 28.9
71 34.9 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

Tgt Ion:136 Resp: 16296
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.0 6.2 9.2
68 5.8 4.4 6.6





#8
Nitrobenzene-d5
Concen: 78.113 ng
RT: 8.993 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

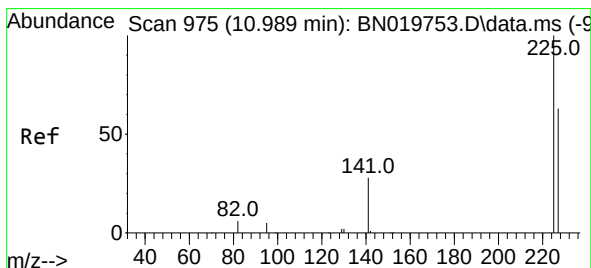
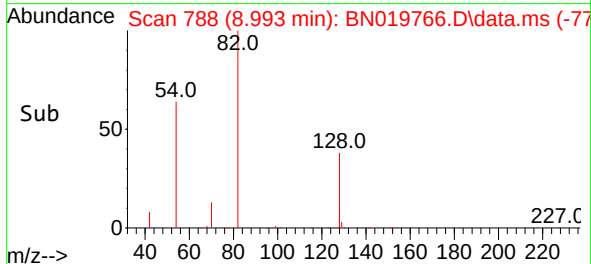
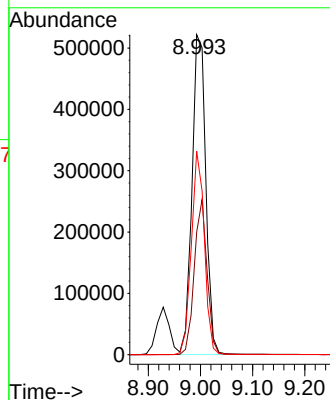
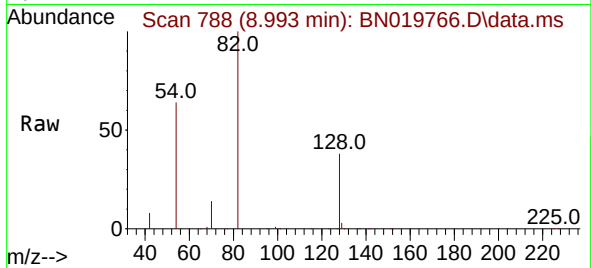
Instrument :

BNA_N

ClientSampleId :

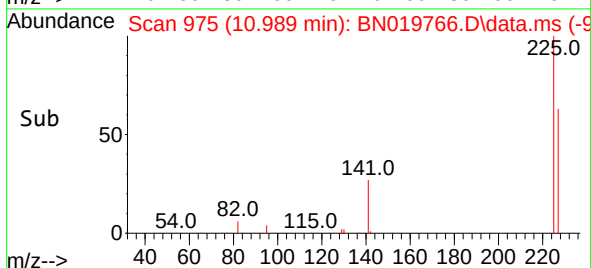
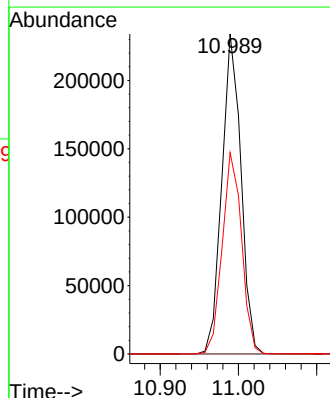
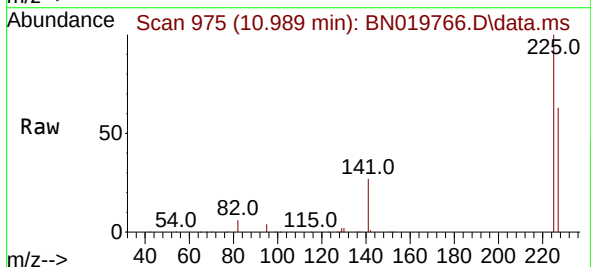
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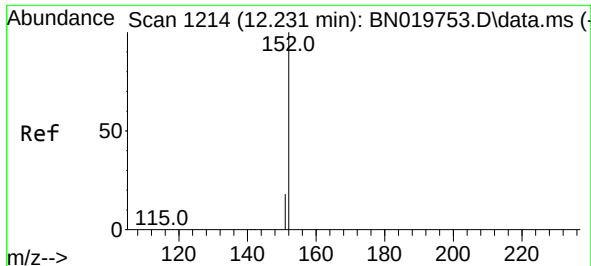
Tgt Ion: 82 Resp: 961281
Ion Ratio Lower Upper
82 100
128 38.3 35.0 52.6
54 63.5 46.2 69.4



#10
Hexachlorobutadiene
Concen: 43.979 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

Tgt Ion: 225 Resp: 395677
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.8 50.9 76.3

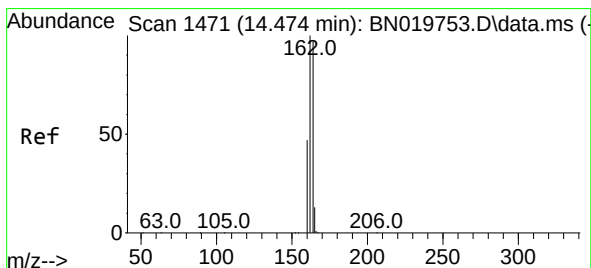
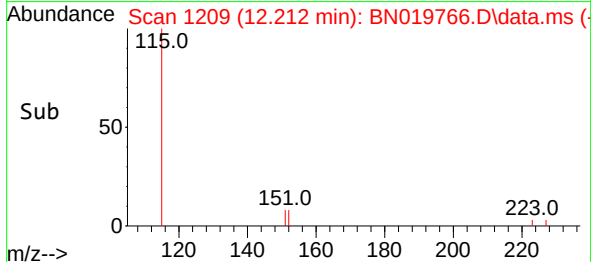
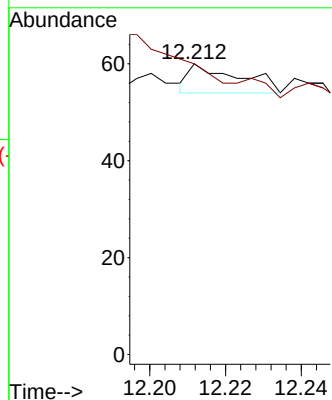
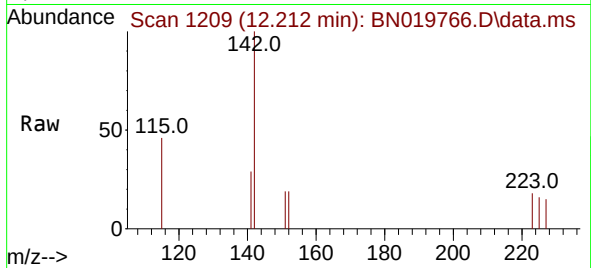




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.212 min Scan# 11
Delta R.T. -0.023 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

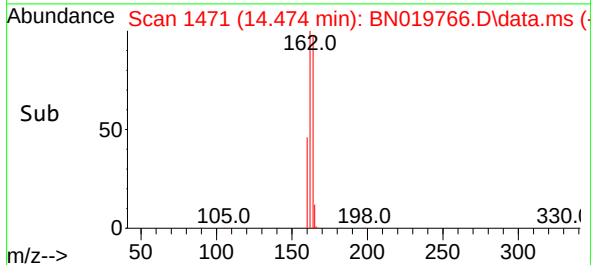
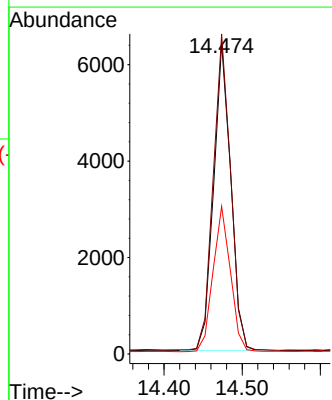
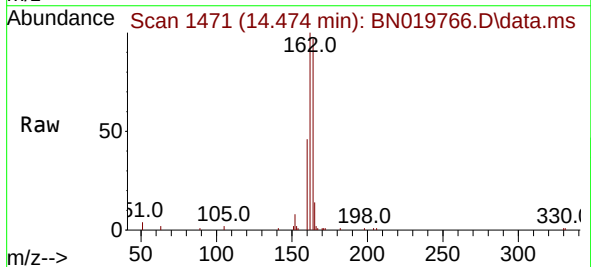
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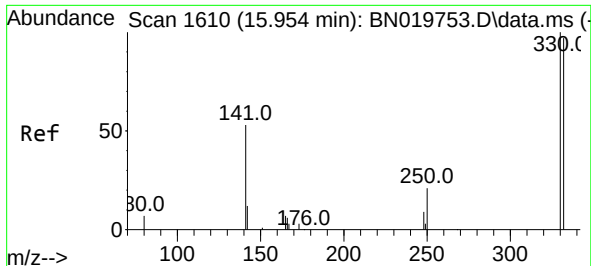
Tgt Ion:152 Resp: 5
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

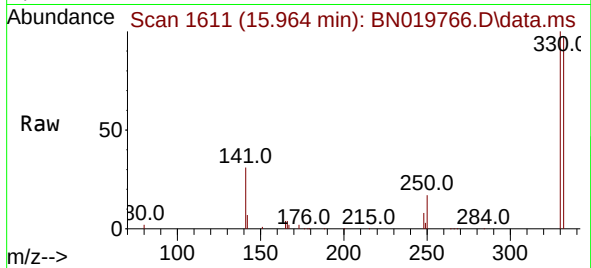
Tgt Ion:164 Resp: 9725
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 47.4 38.6 58.0



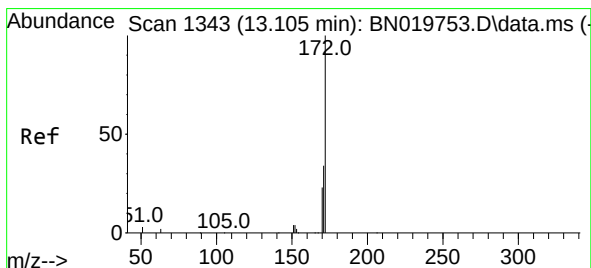
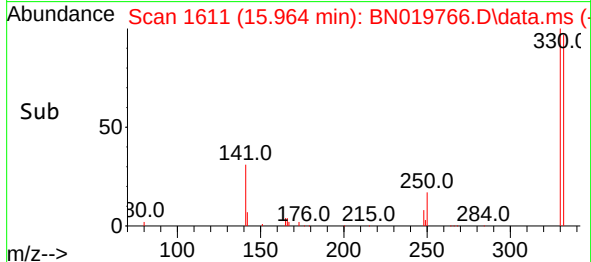
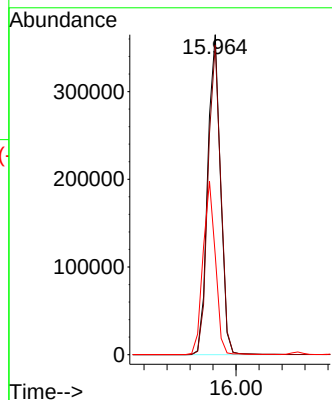


#14
2,4,6-Tribromophenol
Concen: 146.982 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

Instrument :
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PT-BNA-SOIL

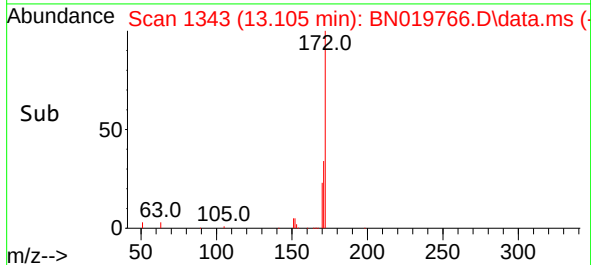
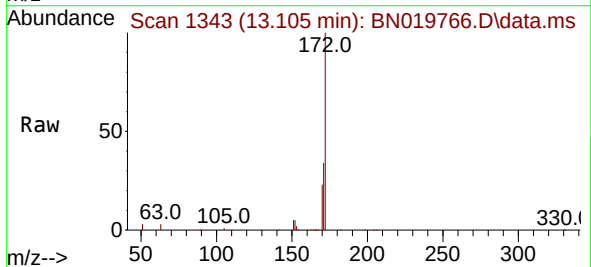
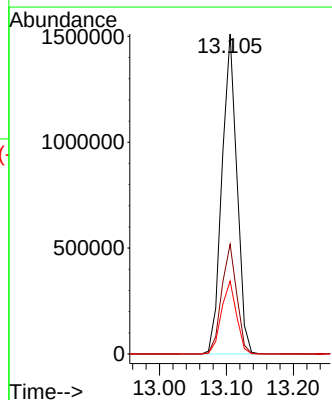


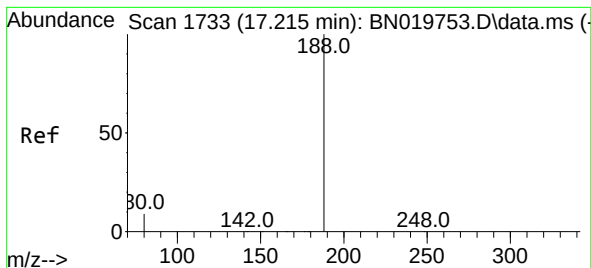
Tgt Ion:330 Resp: 565004
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 52.6 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 55.373 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

Tgt Ion:172 Resp: 2351069
Ion Ratio Lower Upper
172 100
171 34.3 27.2 40.8
170 22.8 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: BN019766.D

Acq: 13 May 2022 11:21

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOIL

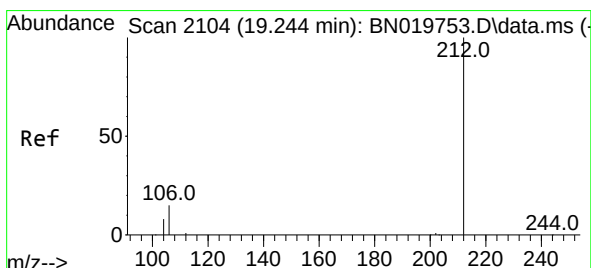
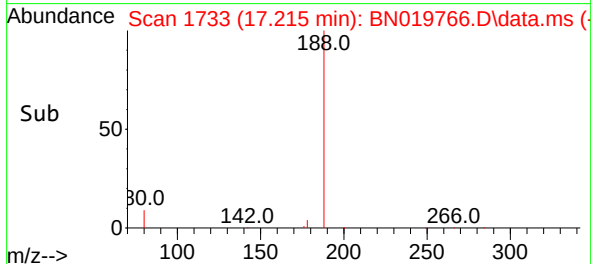
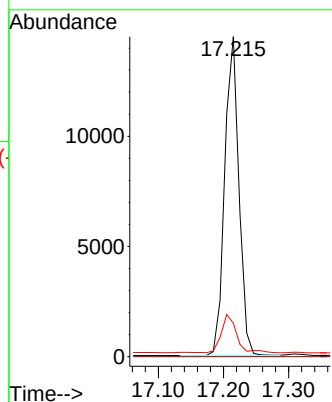
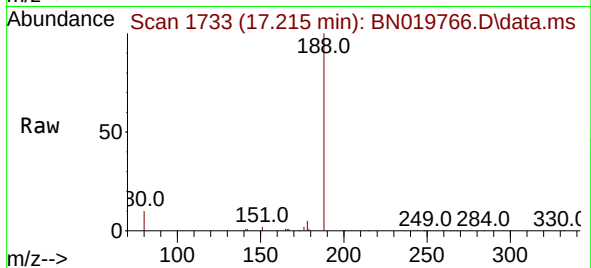
Tgt Ion:188 Resp: 21991

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 7.4 11.2



#27

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.248 min Scan# 2105

Delta R.T. -0.000 min

Lab File: BN019766.D

Acq: 13 May 2022 11:21

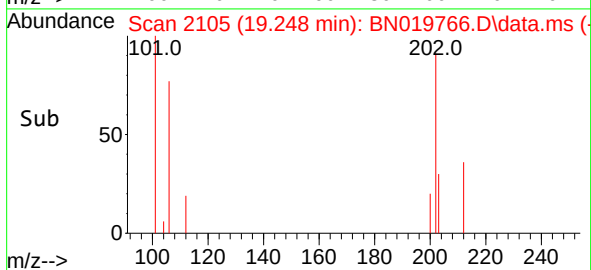
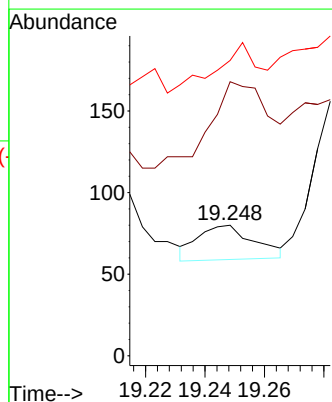
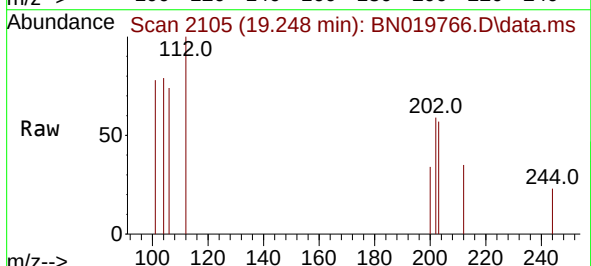
Tgt Ion:212 Resp: 28

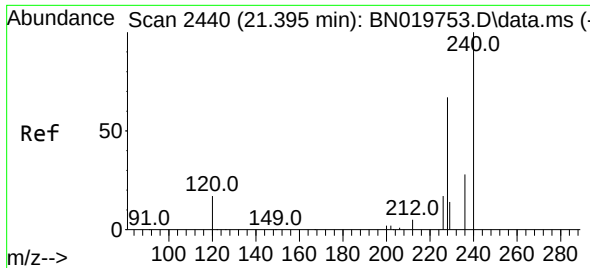
Ion Ratio Lower Upper

212 100

106 260.7 12.6 19.0#

104 107.1 7.2 10.8#

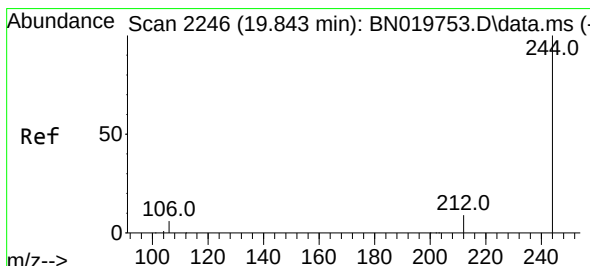
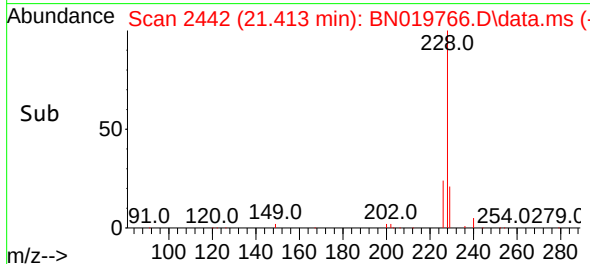
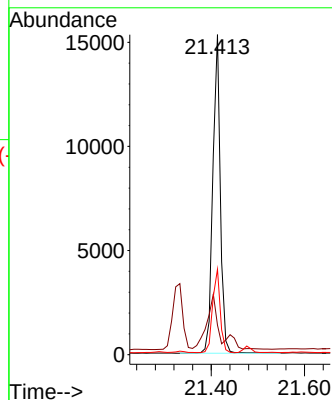
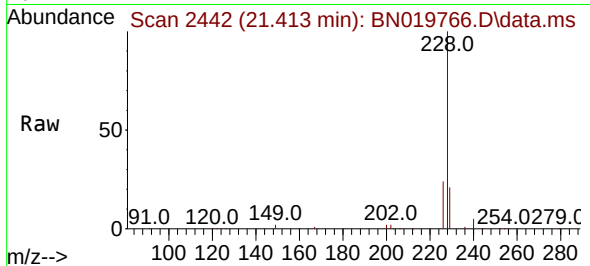




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. 0.009 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

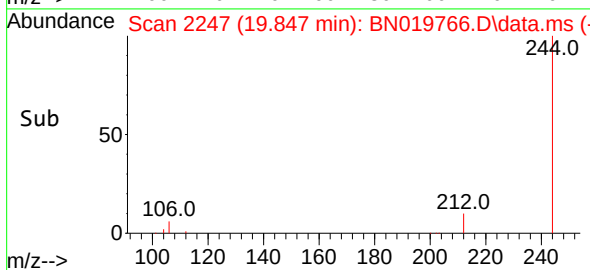
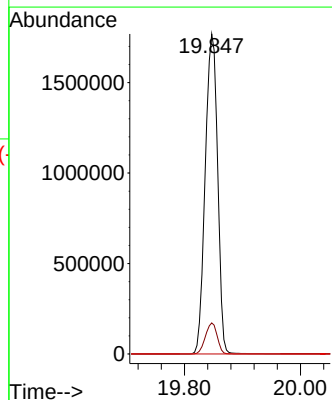
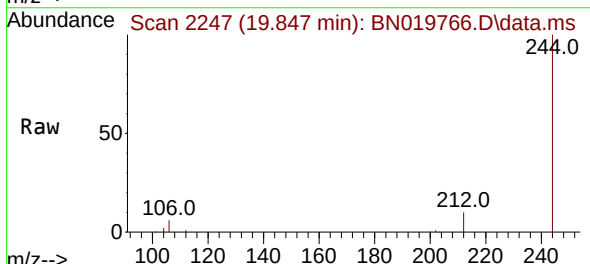
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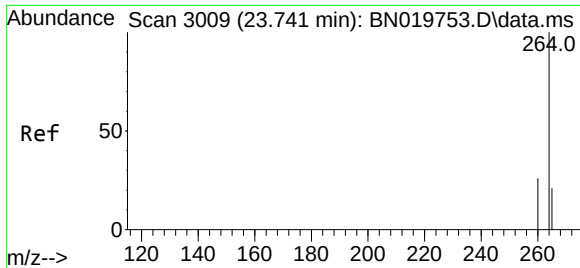
Tgt Ion:240 Resp: 17200
Ion Ratio Lower Upper
240 100
120 9.2 14.6 21.8#
236 26.7 22.6 33.8



#31
Terphenyl-d14
Concen: 64.620 ng
RT: 19.847 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN019766.D
Acq: 13 May 2022 11:21

Tgt Ion:244 Resp: 2620919
Ion Ratio Lower Upper
244 100
212 9.7 7.1 10.7
122 0.0 0.0 0.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.744 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN019766.D
 Acq: 13 May 2022 11:21

Instrument :
 BNA_N
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Tgt Ion:	264	Resp:	20542
Ion Ratio	Lower	Upper	
264	100		
260	26.0	20.9	31.3
265	31.1	28.0	42.0

