

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
 Data File : BN019768.D
 Acq On : 13 May 2022 13:06
 Operator : CG/JU
 Sample : N2656-12DL2 100X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOILDL2

Quant Time: May 13 23:59:16 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)

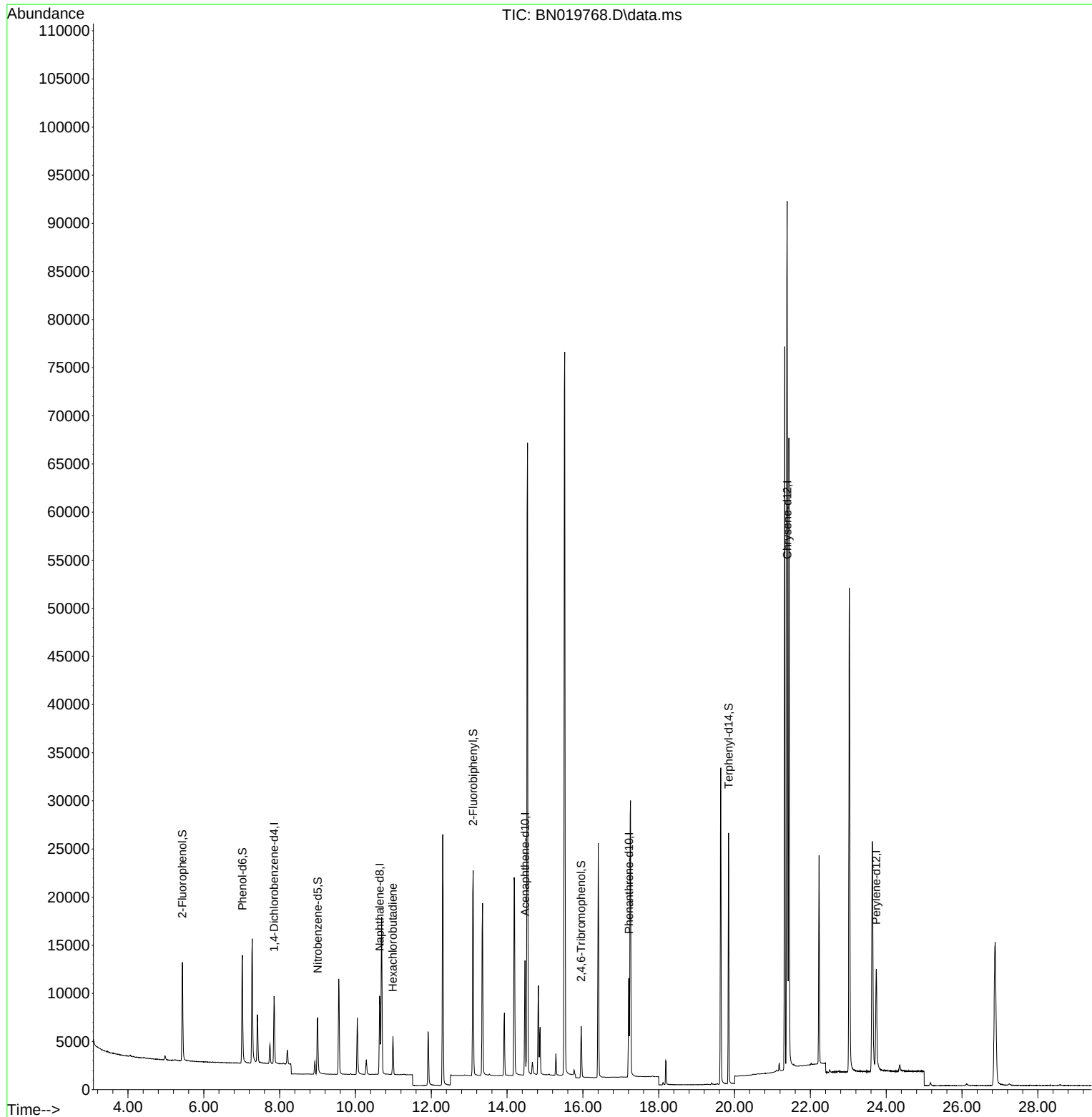
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3660	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	11445	0.400	ng	#-0.01
13) Acenaphthene-d10	14.474	164	7030	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	15640	0.400	ng	0.00
29) Chrysene-d12	21.395	240	16956	0.400	ng	0.00
35) Perylene-d12	23.738	264	15512	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	8828	0.964	ng	0.00
5) Phenol-d6	7.016	99	11062	0.964	ng	0.00
8) Nitrobenzene-d5	9.003	82	5442	0.630	ng	0.00
11) 2-Methylnaphthalene-d10	12.299	152	6	0.000	ng	0.06
14) 2,4,6-Tribromophenol	15.954	330	2873	1.034	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	19799	0.645	ng	0.00
27) Fluoranthene-d10	19.248	212	12	0.000	ng	0.00
31) Terphenyl-d14	19.843	244	29336	0.734	ng	0.00
Target Compounds						Qvalue
10) Hexachlorobutadiene	10.989	225	3168	0.501	ng	# 100

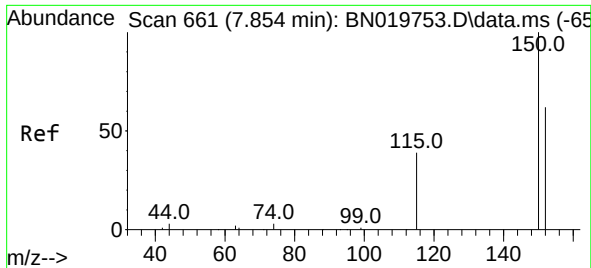
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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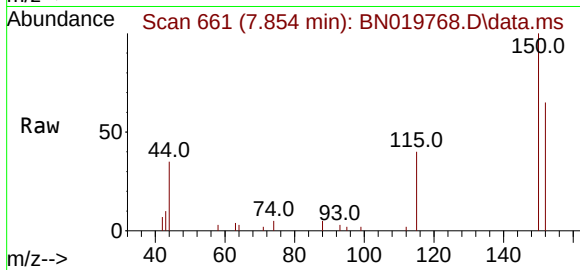
Quant Time: May 13 23:59:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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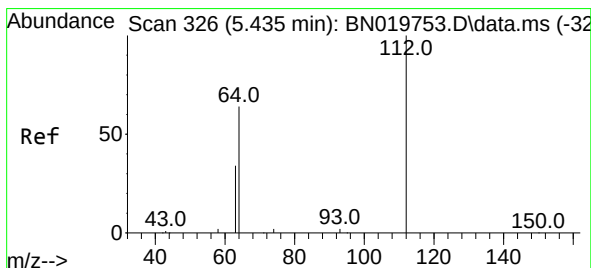
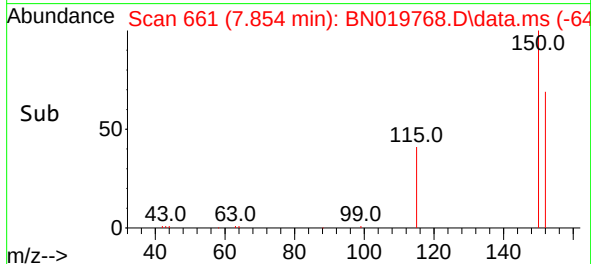
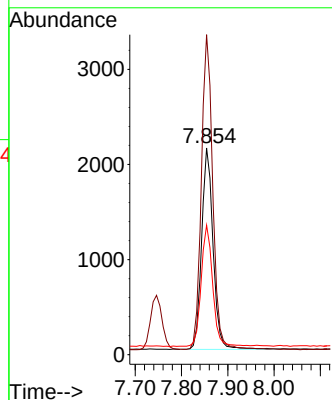


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. -0.008 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILDL2

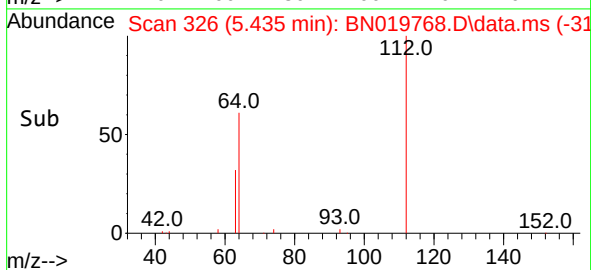
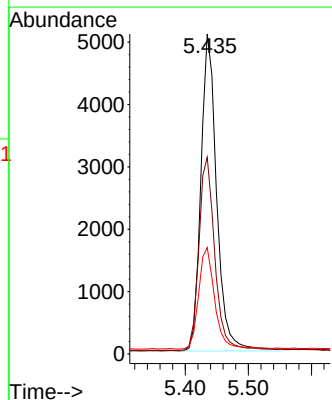
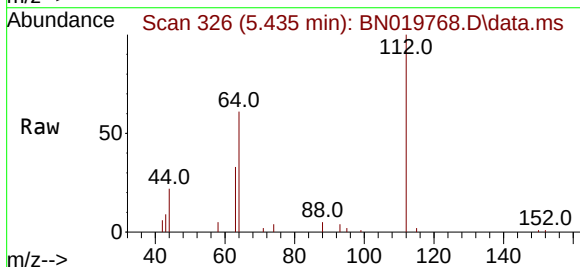


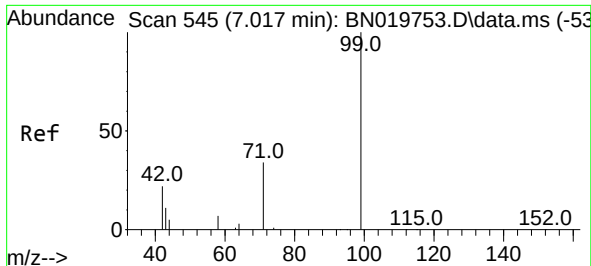
Tgt Ion:152 Resp: 3660
Ion Ratio Lower Upper
152 100
150 154.9 127.9 191.9
115 62.7 51.4 77.2



#4
2-Fluorophenol
Concen: 0.964 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

Tgt Ion:112 Resp: 8828
Ion Ratio Lower Upper
112 100
64 62.0 49.1 73.7
63 32.6 26.3 39.5

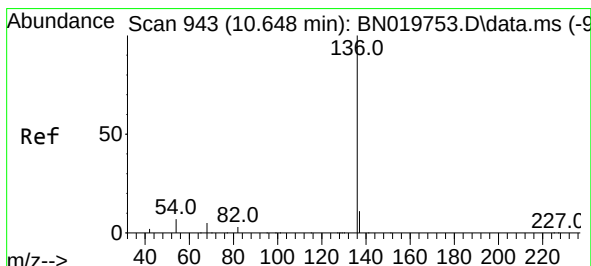
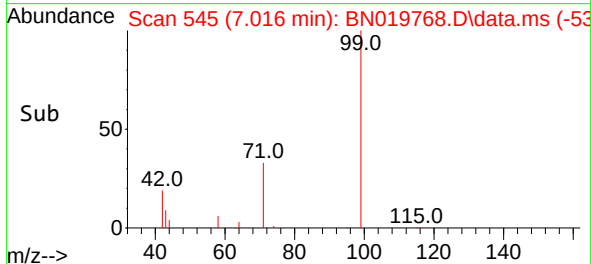
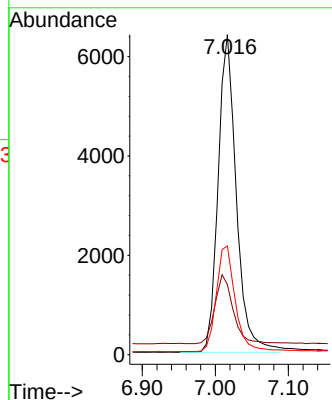
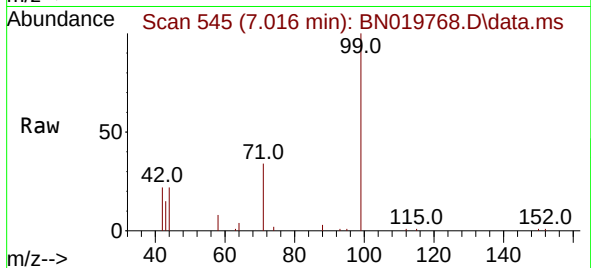




#5
Phenol-d6
Concen: 0.964 ng
RT: 7.016 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

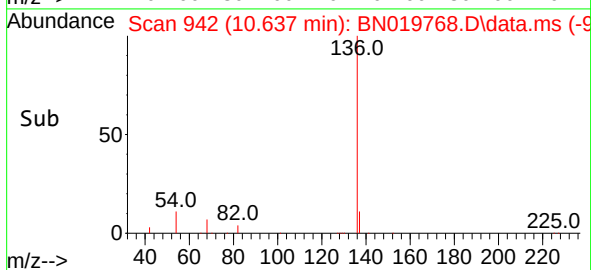
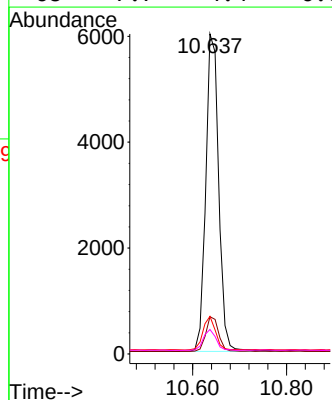
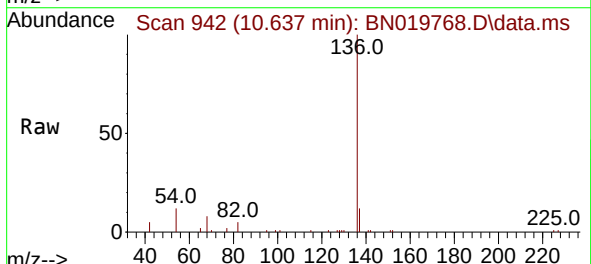
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ClientSampleId :
PT-BNA-SOILDL2

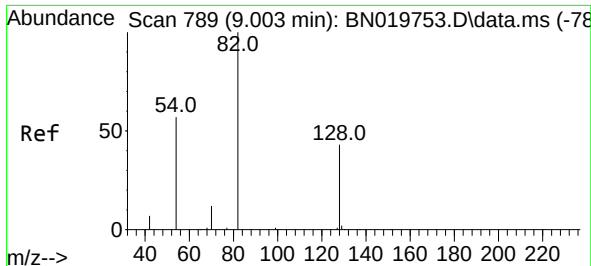
Tgt Ion: 99 Resp: 11062
Ion Ratio Lower Upper
99 100
42 21.7 19.3 28.9
71 34.6 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

Tgt Ion: 136 Resp: 11445
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 11.8 6.2 9.2#
68 7.7 4.4 6.6#

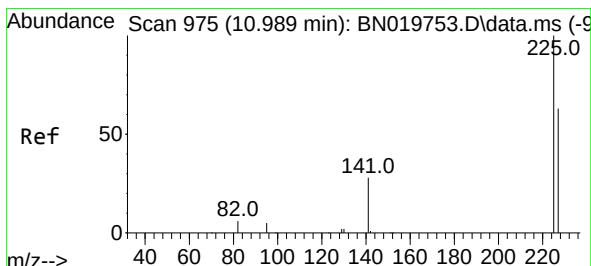
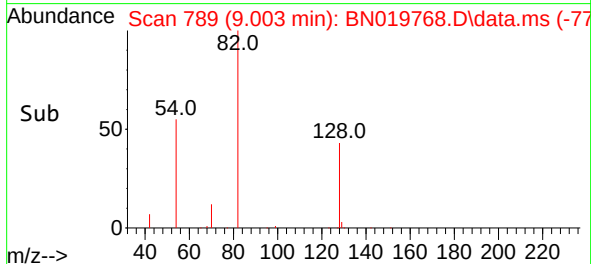
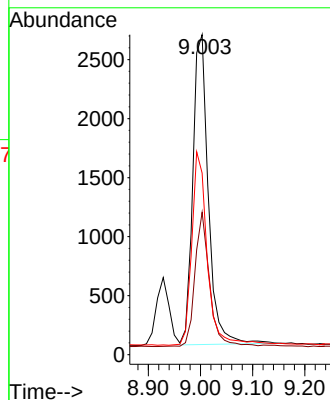
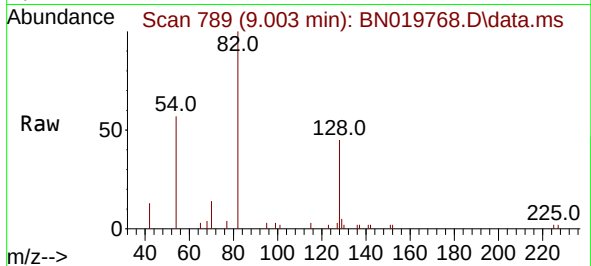




#8
Nitrobenzene-d5
Concen: 0.630 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

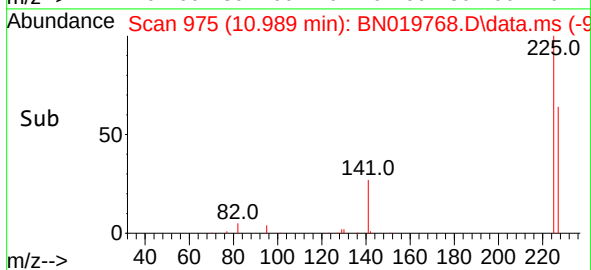
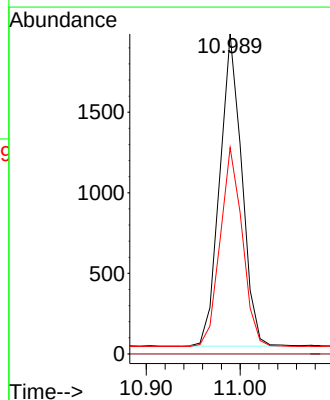
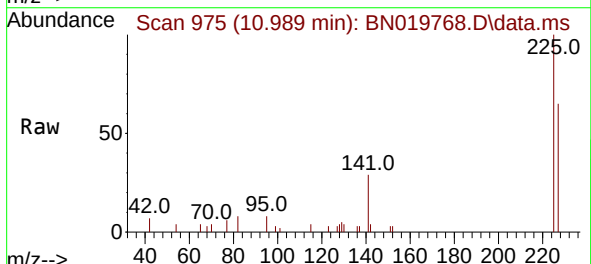
Instrument :
BNA_N
ClientSampleId :
PT-BNA-SOILDL2

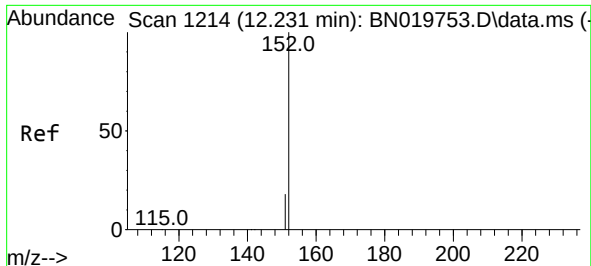
Tgt Ion: 82 Resp: 5442
Ion Ratio Lower Upper
82 100
128 44.5 35.0 52.6
54 56.7 46.2 69.4



#10
Hexachlorobutadiene
Concen: 0.501 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

Tgt Ion: 225 Resp: 3168
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.8 50.9 76.3

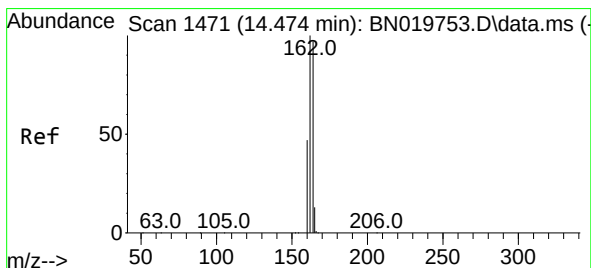
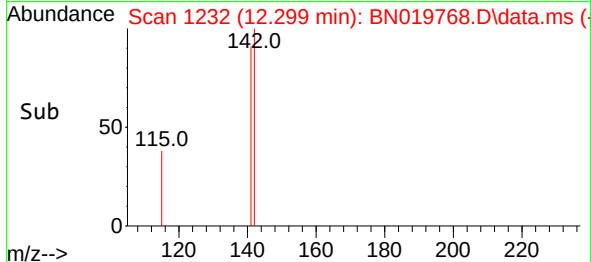
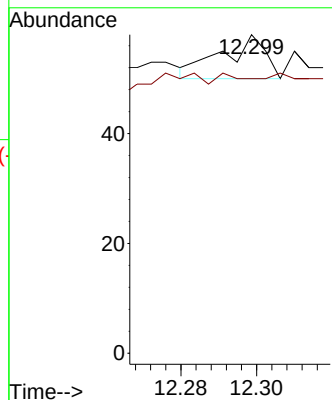
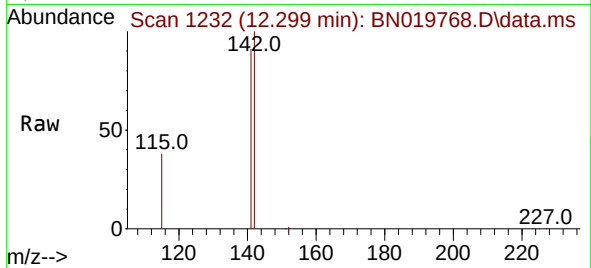




#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.299 min Scan# 11
Delta R.T. 0.064 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

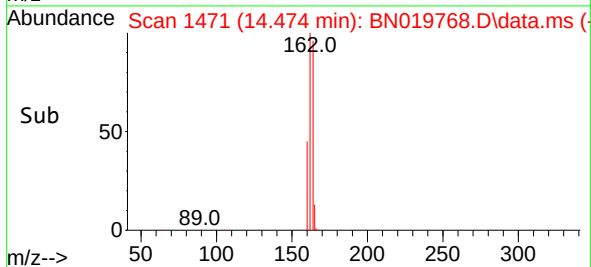
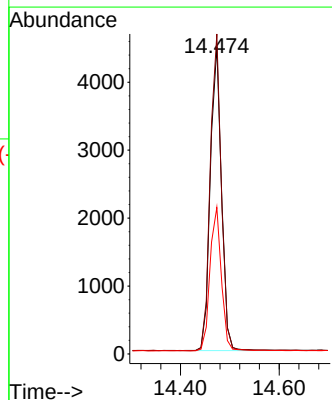
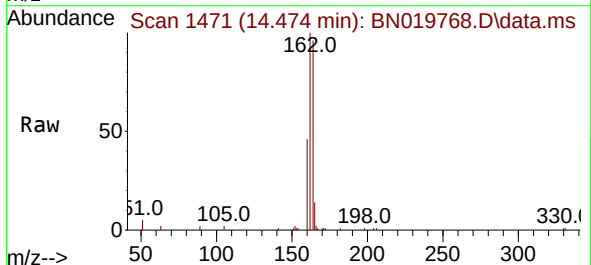
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ClientSampleId :
PT-BNA-SOILDL2

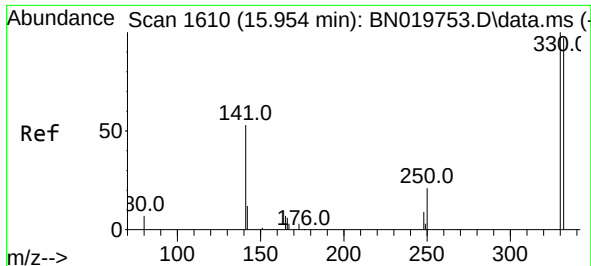
Tgt Ion:152 Resp: 6
Ion Ratio Lower Upper
152 100
151 16.7 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

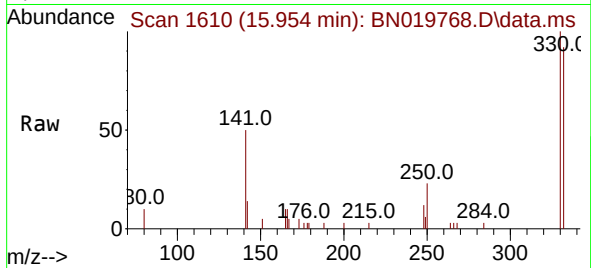
Tgt Ion:164 Resp: 7030
Ion Ratio Lower Upper
164 100
162 104.2 82.1 123.1
160 47.7 38.6 58.0



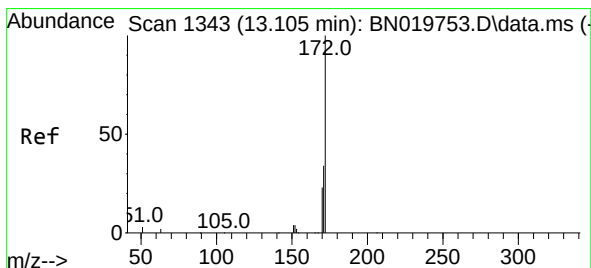
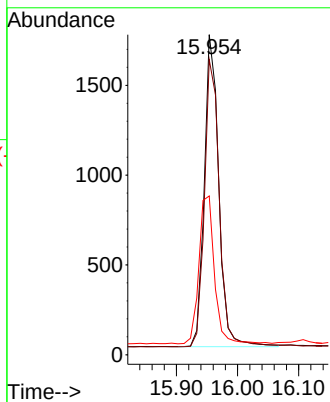
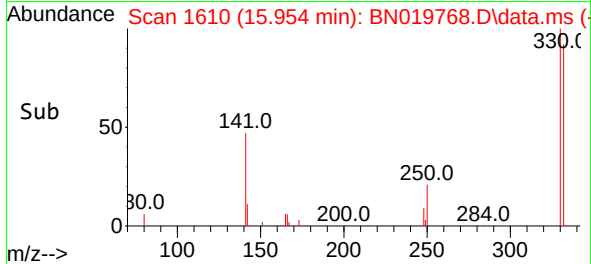


#14
 2,4,6-Tribromophenol
 Concen: 1.034 ng
 RT: 15.954 min Scan# 1610
 Delta R.T. -0.010 min
 Lab File: BN019768.D
 Acq: 13 May 2022 13:06

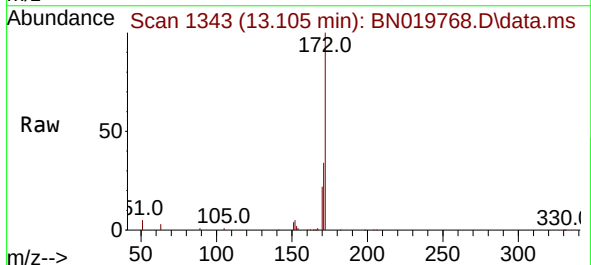
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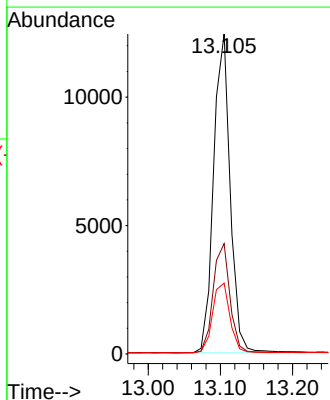
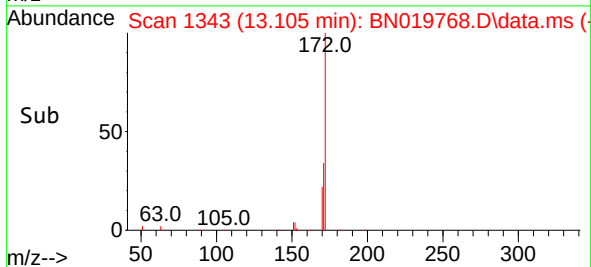
Tgt Ion: 330 Resp: 2873
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.6 116.4
 141 50.5 41.0 61.4

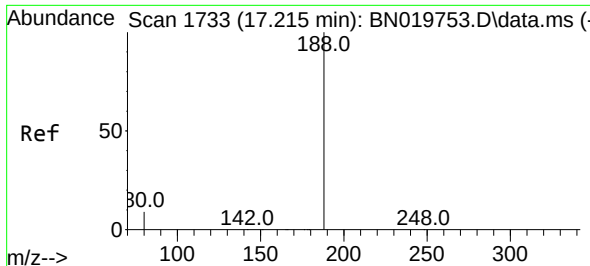


#15
 2-Fluorobiphenyl
 Concen: 0.645 ng
 RT: 13.105 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: BN019768.D
 Acq: 13 May 2022 13:06



Tgt Ion: 172 Resp: 19799
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.2 40.8
 170 22.2 18.2 27.4

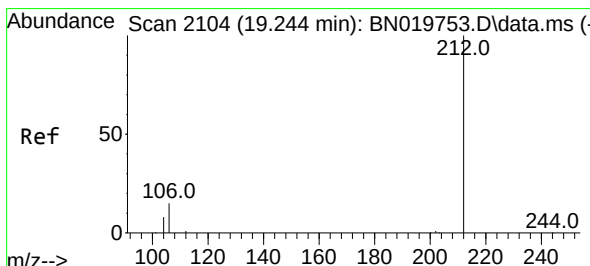
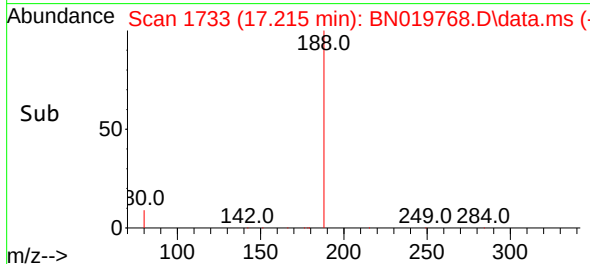
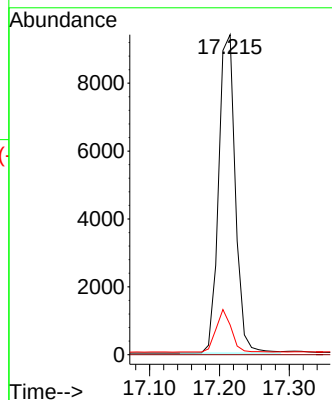
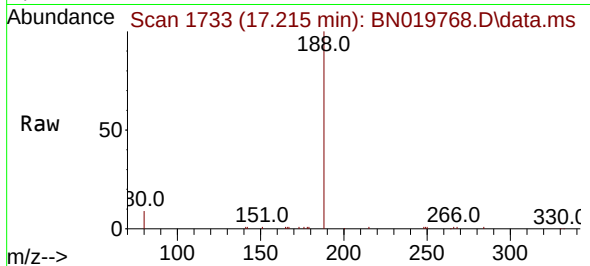




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

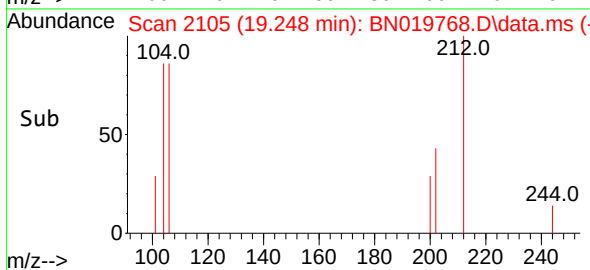
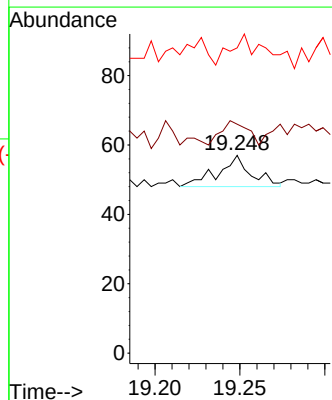
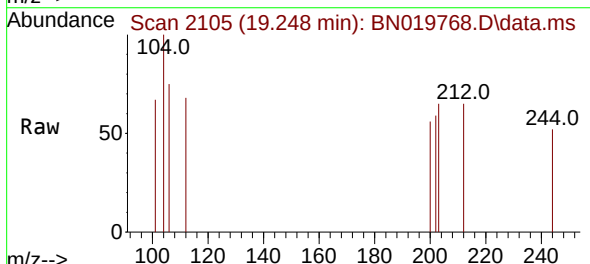
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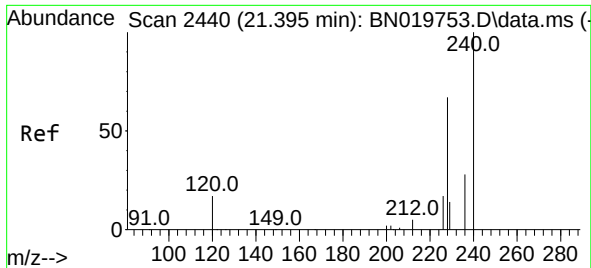
Tgt Ion:188 Resp: 15640
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

Tgt Ion:212 Resp: 12
Ion Ratio Lower Upper
212 100
106 58.3 12.6 19.0#
104 116.7 7.2 10.8#

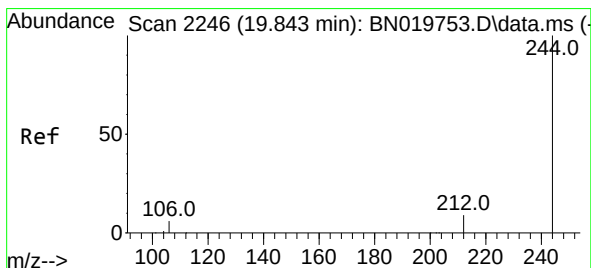
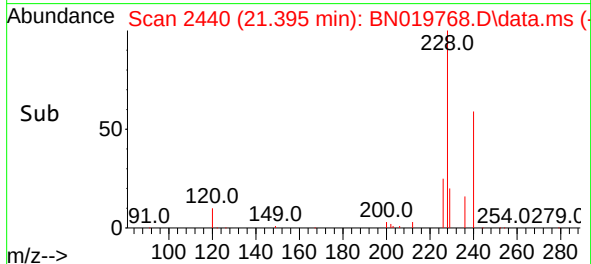
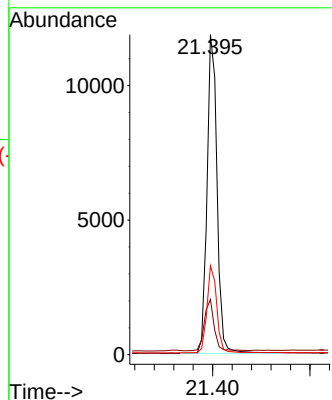
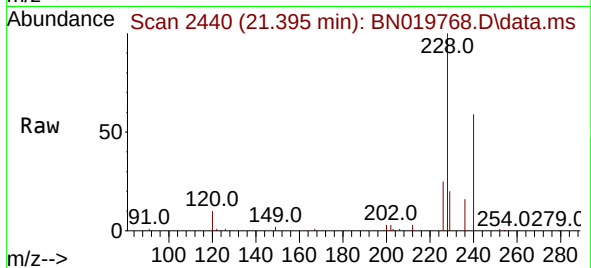




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

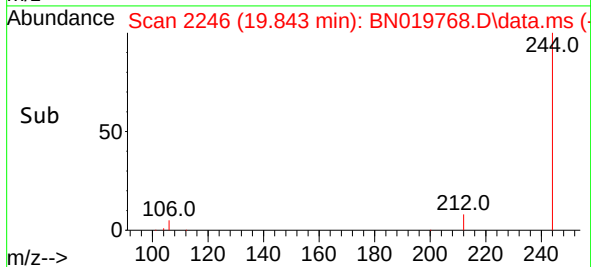
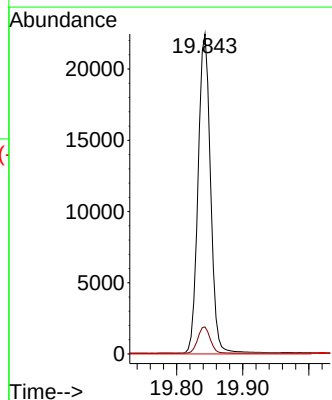
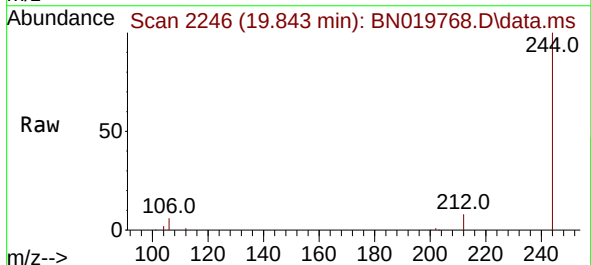
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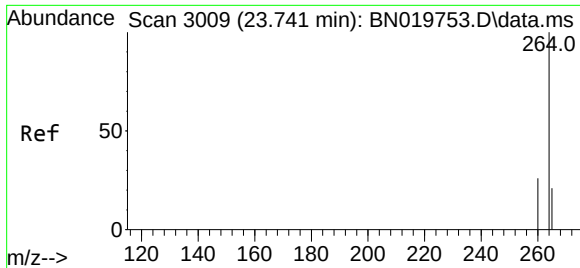
Tgt Ion:240 Resp: 16956
Ion Ratio Lower Upper
240 100
120 17.3 14.6 21.8
236 27.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.734 ng
RT: 19.843 min Scan# 2246
Delta R.T. -0.004 min
Lab File: BN019768.D
Acq: 13 May 2022 13:06

Tgt Ion:244 Resp: 29336
Ion Ratio Lower Upper
244 100
212 8.5 7.1 10.7
122 0.0 0.0 0.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.738 min Scan# 30

Delta R.T. -0.003 min

Lab File: BN019768.D

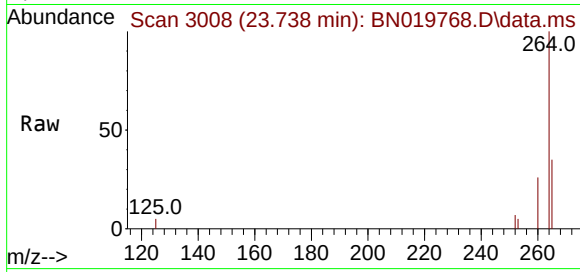
Acq: 13 May 2022 13:06

Instrument :

BNA_N

ClientSampleId :

PT-BNA-SOILDL2



Tgt Ion:264 Resp: 15512

Ion Ratio Lower Upper

264 100

260 26.1 20.9 31.3

265 34.6 28.0 42.0

