

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070622\
 Data File : BN020669.D
 Acq On : 06 Jul 2022 16:16
 Operator : CG/JU
 Sample : PB146049BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB146049BL

Quant Time: Jul 07 00:15:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

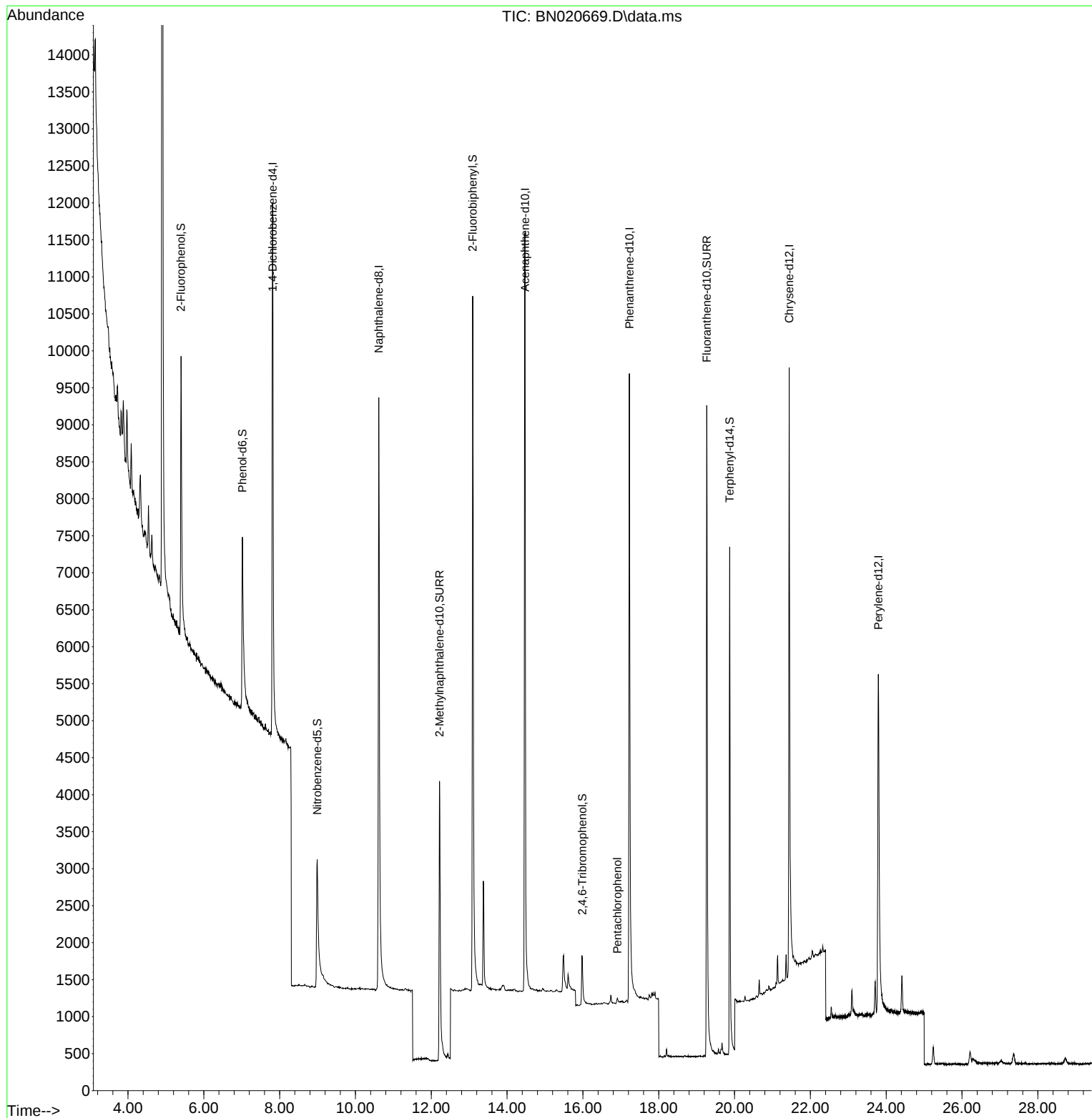
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	4631	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	13649	0.400	ng	#-0.01
13) Acenaphthene-d10	14.474	164	7525	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	14928	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	10486	0.400	ng	0.00
35) Perylene-d12	23.793	264	8881	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3963	0.308	ng	-0.01
5) Phenol-d6	7.017	99	3860	0.251	ng	-0.01
8) Nitrobenzene-d5	8.993	82	2880	0.260	ng	0.00
11) 2-Methylnaphthalene-d10	12.219	152	7251	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	525	0.185	ng	0.01
15) 2-Fluorobiphenyl	13.095	172	10144	0.327	ng	-0.01
27) Fluoranthene-d10	19.270	212	12930	0.292	ng	0.00
31) Terphenyl-d14	19.872	244	9350	0.373	ng	0.00
Target Compounds						
24) Pentachlorophenol	16.908	266	66	0.205	ng	# 84

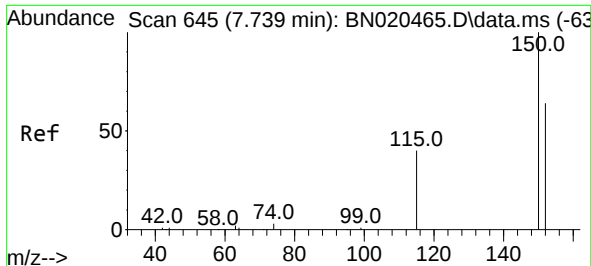
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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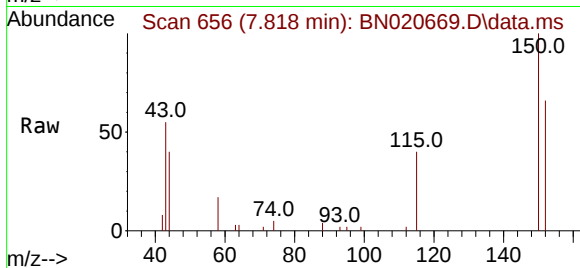
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Response via : Initial Calibration



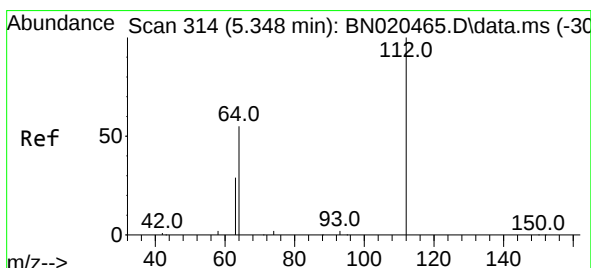
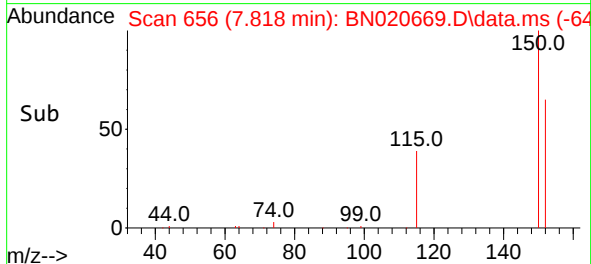
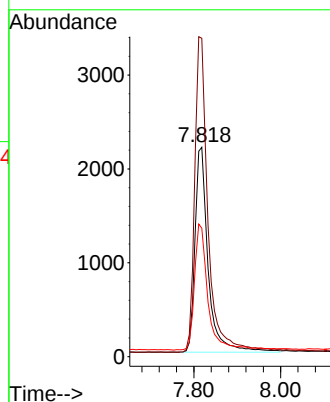


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

Instrument :
BNA_N
ClientSampleId :
PB146049BL

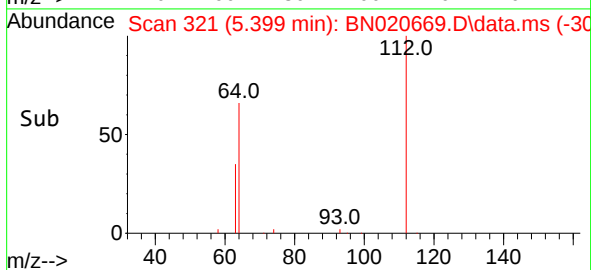
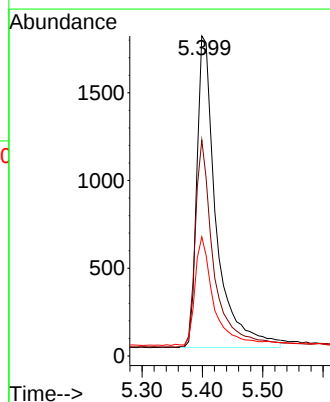
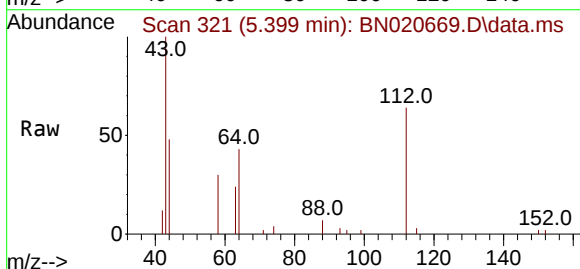


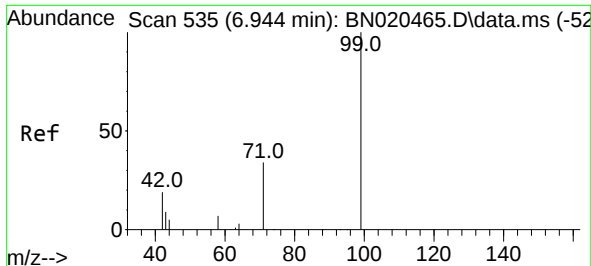
Tgt Ion:152 Resp: 4631
Ion Ratio Lower Upper
152 100
150 152.0 127.9 191.9
115 61.3 51.4 77.2



#4
2-Fluorophenol
Concen: 0.308 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.014 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

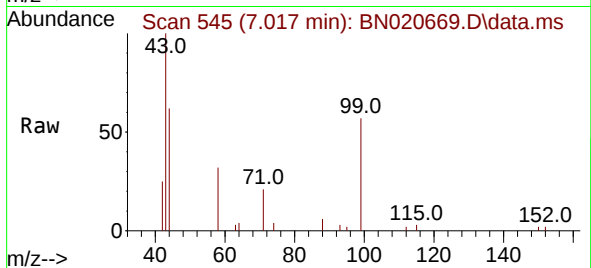
Tgt Ion:112 Resp: 3963
Ion Ratio Lower Upper
112 100
64 63.2 49.1 73.7
63 33.9 26.3 39.5



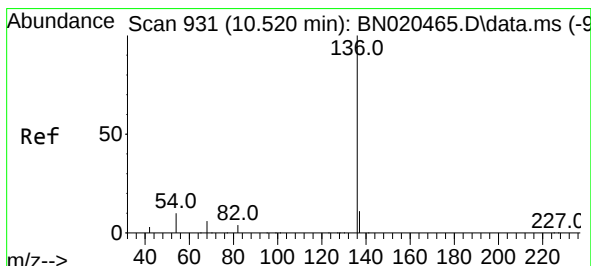
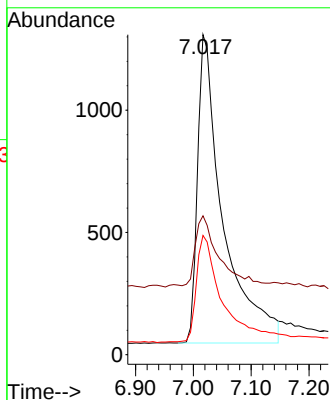
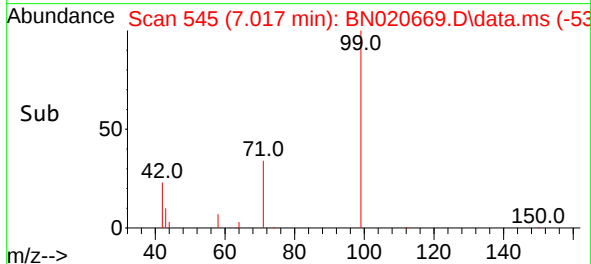


#5
Phenol-d6
Concen: 0.251 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

Instrument :
BNA_N
ClientSampleId :
PB146049BL

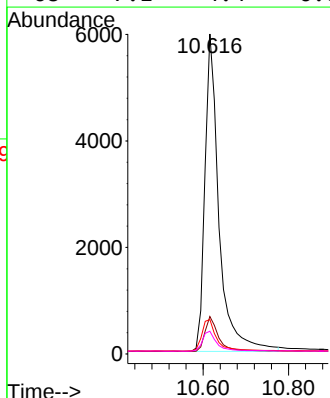
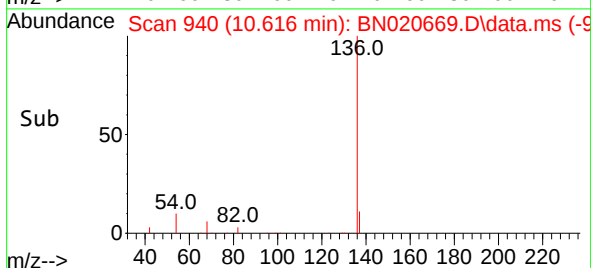
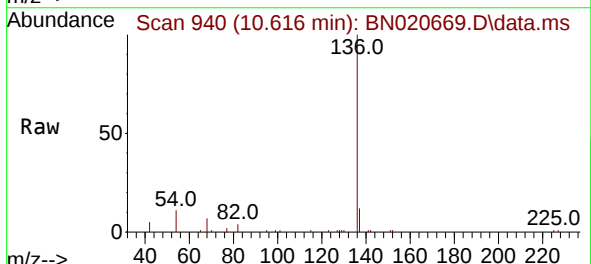


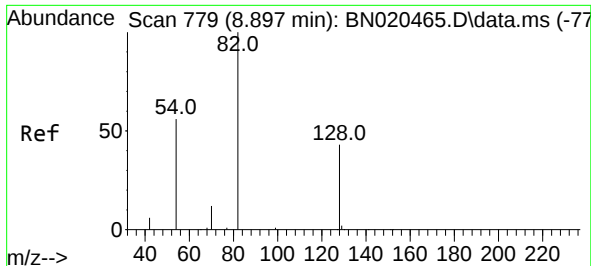
Tgt Ion:	99	Resp:	3860
Ion	Ratio	Lower	Upper
99	100		
42	20.8	19.3	28.9
71	36.0	27.5	41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

Tgt Ion:	136	Resp:	13649
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	10.7	6.2	9.2#
68	7.1	4.4	6.6#

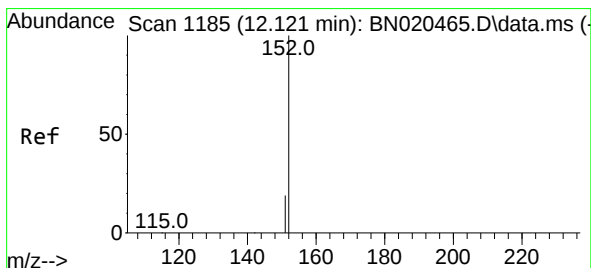
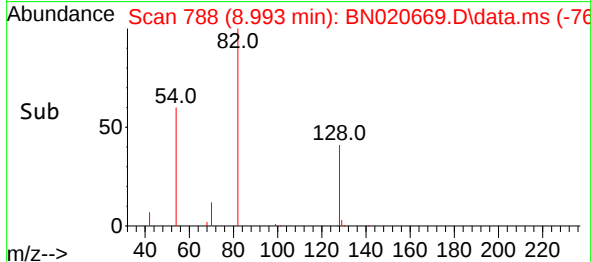
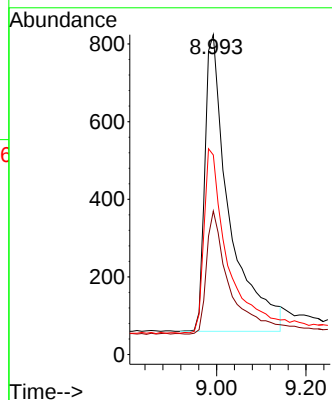
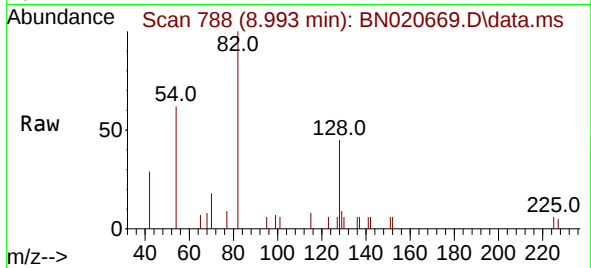




#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 8.993 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

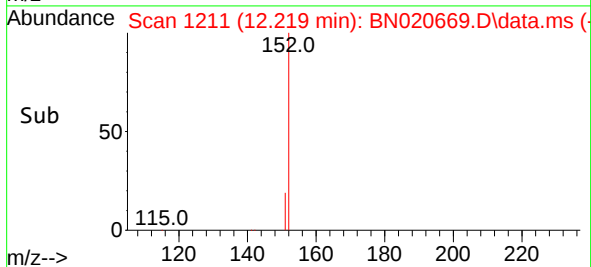
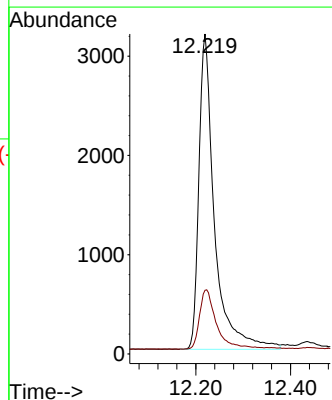
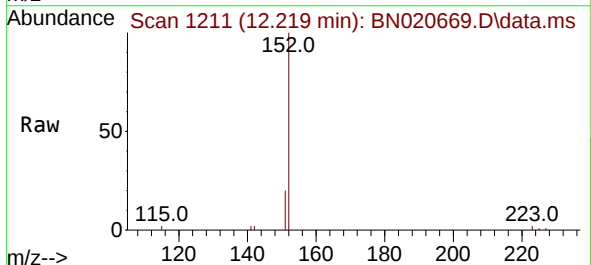
Instrument :
BNA_N
ClientSampleId :
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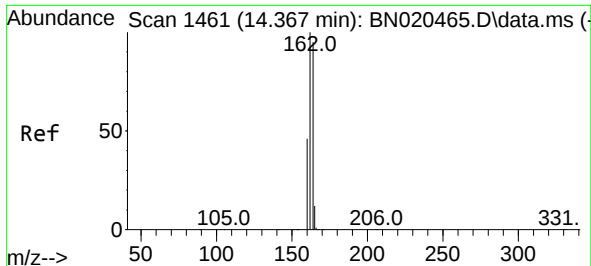
Tgt Ion: 82 Resp: 2880
Ion Ratio Lower Upper
82 100
128 44.9 35.0 52.6
54 62.4 46.2 69.4



#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.219 min Scan# 1211
Delta R.T. -0.007 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

Tgt Ion: 152 Resp: 7251
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4

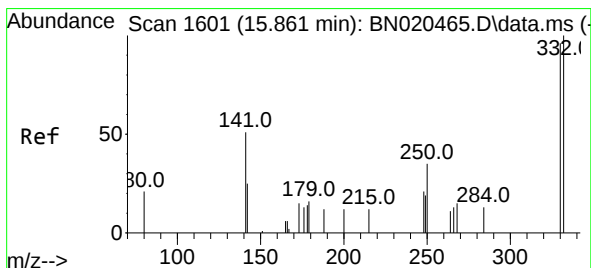
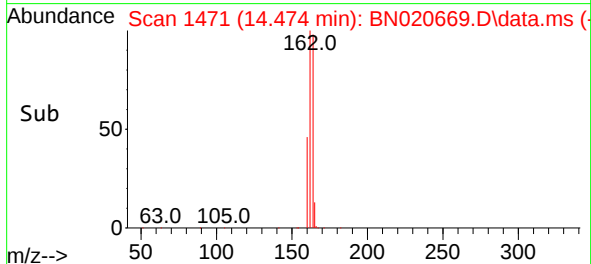
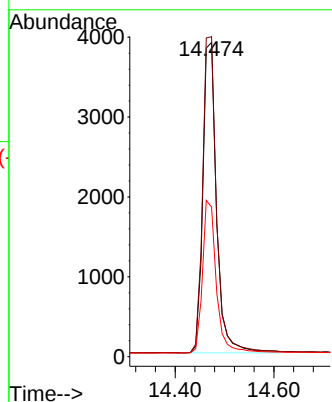
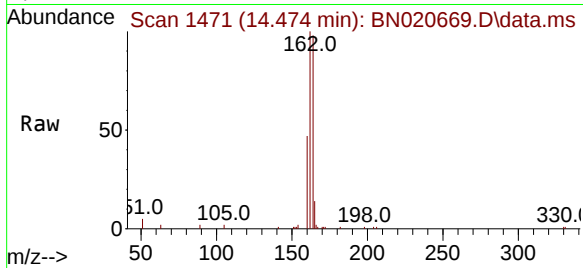




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

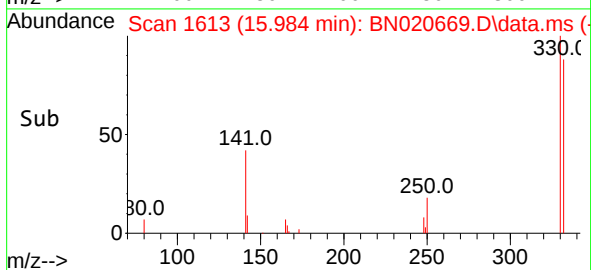
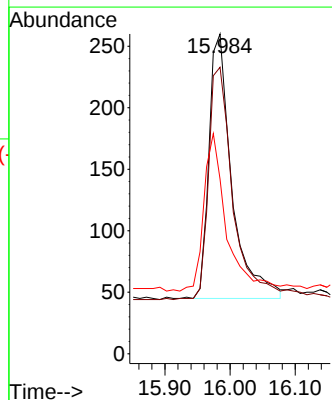
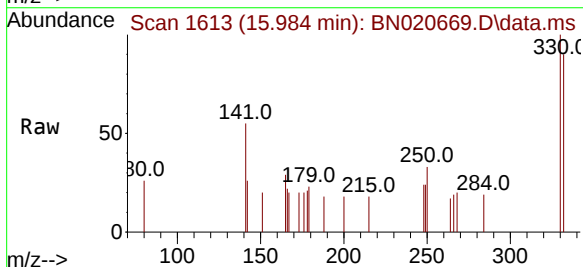
Instrument :
BNA_N
ClientSampleId :
PB146049BL

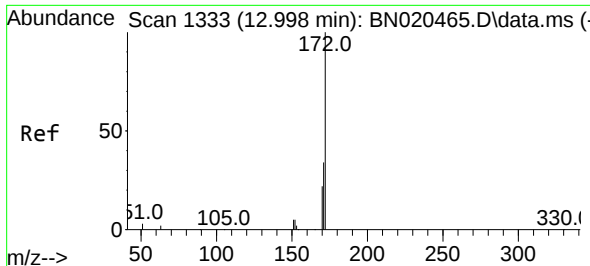
Tgt Ion:164 Resp: 7525
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 47.6 38.6 58.0



#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 15.984 min Scan# 1613
Delta R.T. 0.010 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

Tgt Ion:330 Resp: 525
Ion Ratio Lower Upper
330 100
332 93.7 77.6 116.4
141 58.5 41.0 61.4

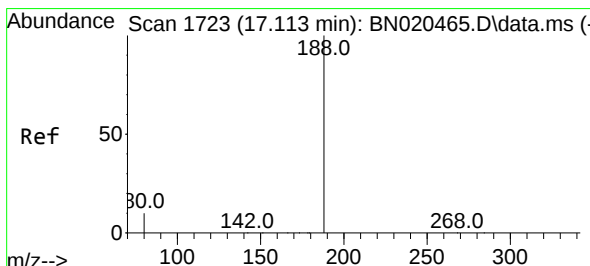
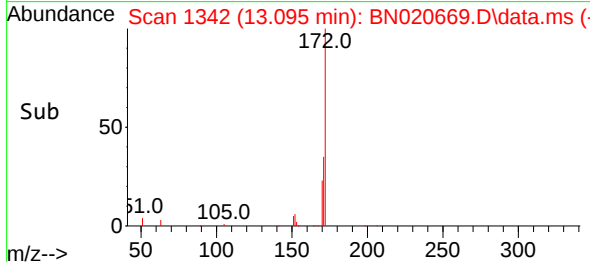
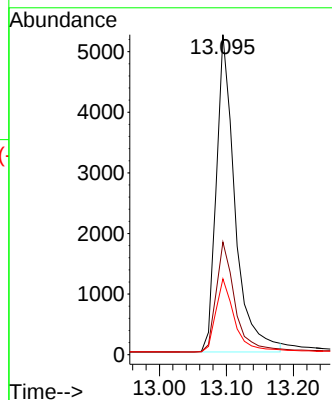
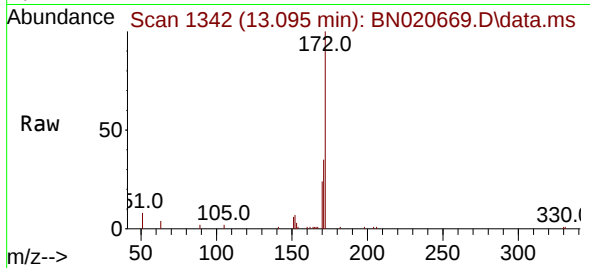




#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.095 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

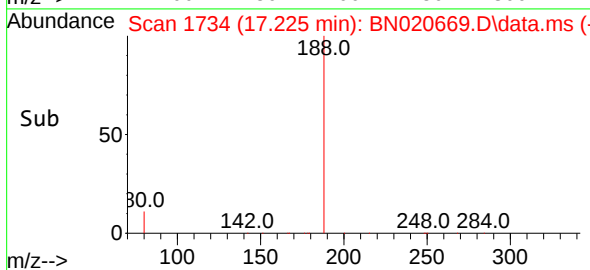
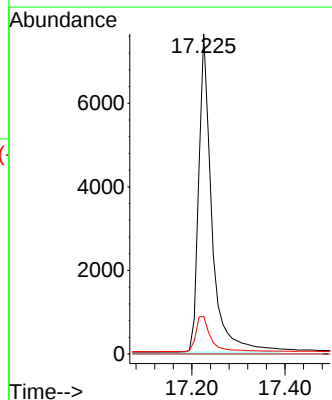
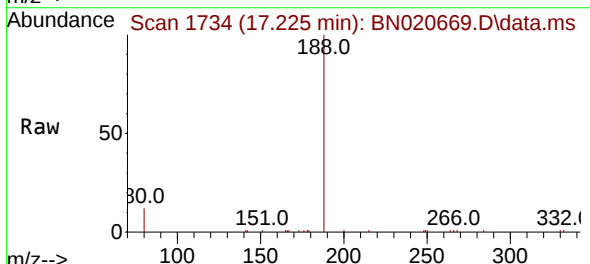
Instrument :
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ClientSampleId :
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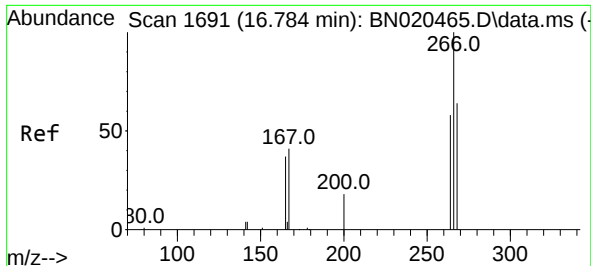
Tgt Ion:	172	Resp:	10144
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.2	40.8
170	23.7	18.2	27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

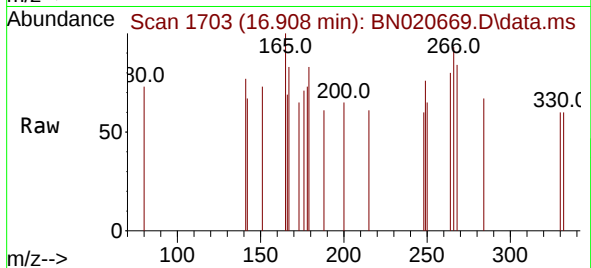
Tgt Ion:	188	Resp:	14928
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.7	7.4	11.2



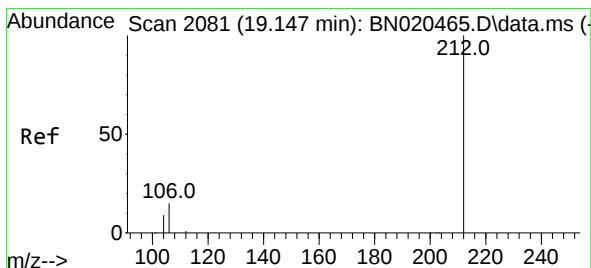
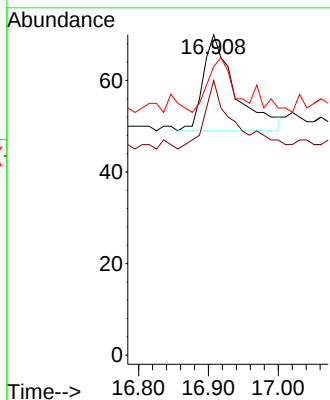
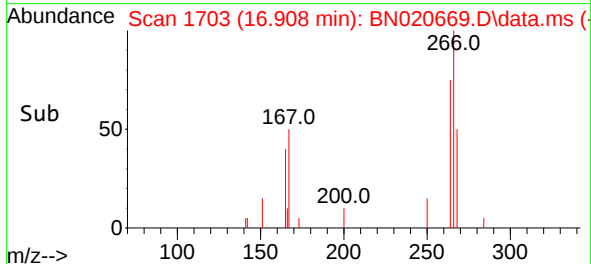


#24
 Pentachlorophenol
 Concen: 0.205 ng
 RT: 16.908 min Scan# 1110
 Delta R.T. 0.010 min
 Lab File: BN020669.D
 Acq: 06 Jul 2022 16:16

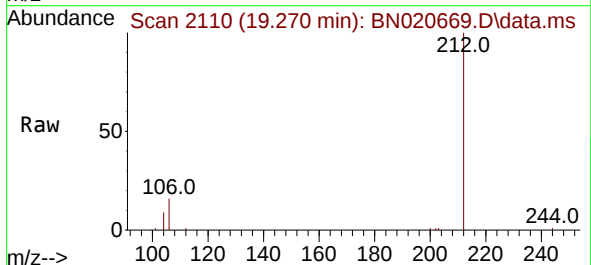
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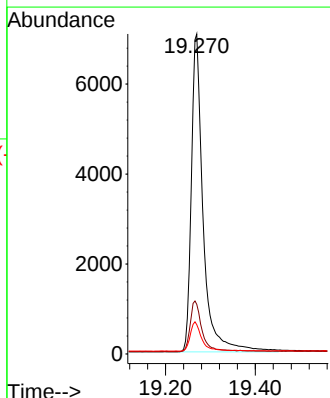
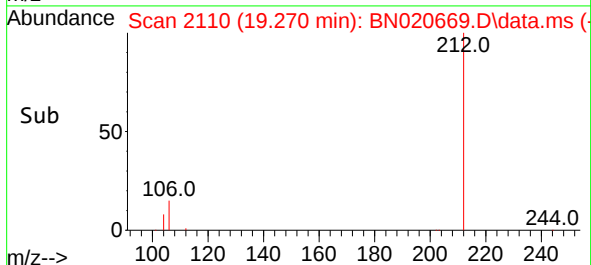
Tgt Ion:266 Resp: 66
 Ion Ratio Lower Upper
 266 100
 264 66.7 51.3 76.9
 268 43.9 52.6 79.0#

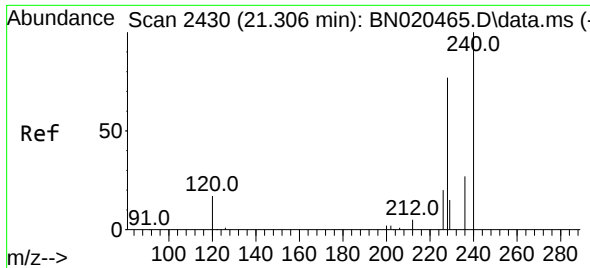


#27
 Fluoranthene-d10
 Concen: 0.292 ng
 RT: 19.270 min Scan# 2110
 Delta R.T. 0.000 min
 Lab File: BN020669.D
 Acq: 06 Jul 2022 16:16



Tgt Ion:212 Resp: 12930
 Ion Ratio Lower Upper
 212 100
 106 15.7 12.6 19.0
 104 8.9 7.2 10.8

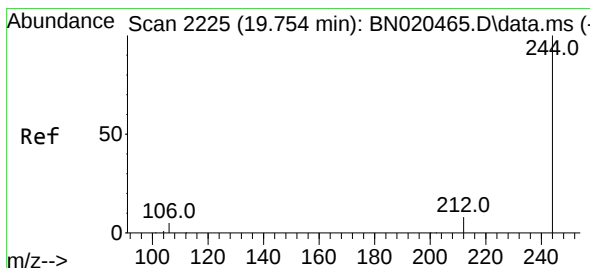
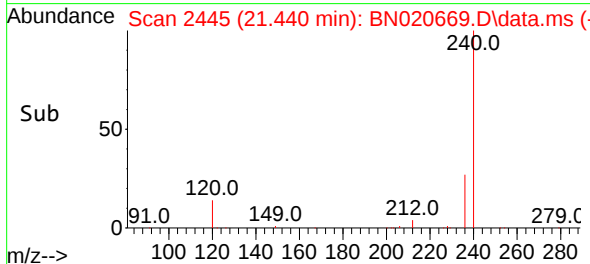
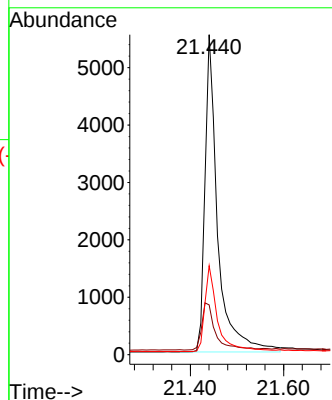
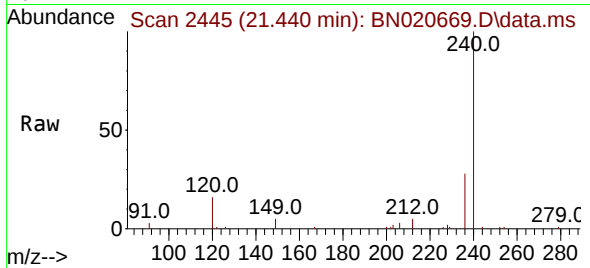




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.009 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

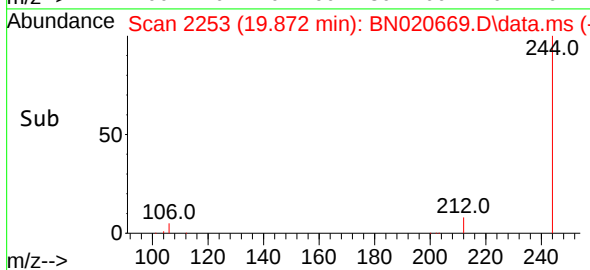
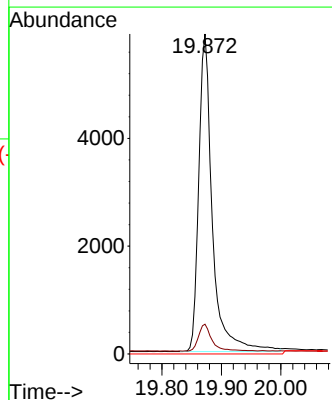
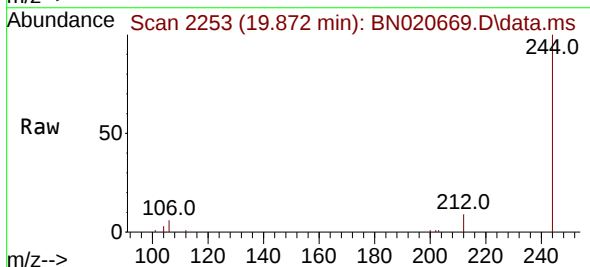
Instrument :
BNA_N
ClientSampleId :
PB146049BL

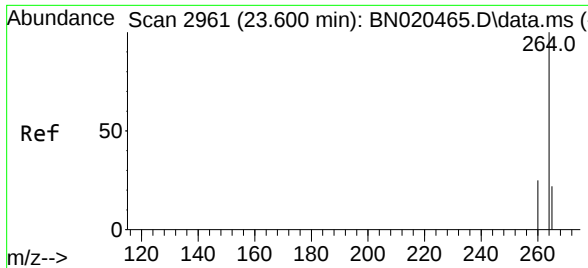
Tgt Ion:240 Resp: 10486
Ion Ratio Lower Upper
240 100
120 15.6 14.6 21.8
236 27.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.373 ng
RT: 19.872 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BN020669.D
Acq: 06 Jul 2022 16:16

Tgt Ion:244 Resp: 9350
Ion Ratio Lower Upper
244 100
212 9.3 7.1 10.7
122 0.0 0.0 0.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.793 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN020669.D
 Acq: 06 Jul 2022 16:16

Instrument :
 BNA_N
 ClientSampleId :
 PB146049BL

Tgt Ion:264 Resp: 8881

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.9	31.3
265	36.1	28.0	42.0

