

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021667.D
 Acq On : 09 Sep 2022 18:59
 Operator : CG/JU
 Sample : N4471-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-40-45-083022DL

Quant Time: Sep 09 23:22:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

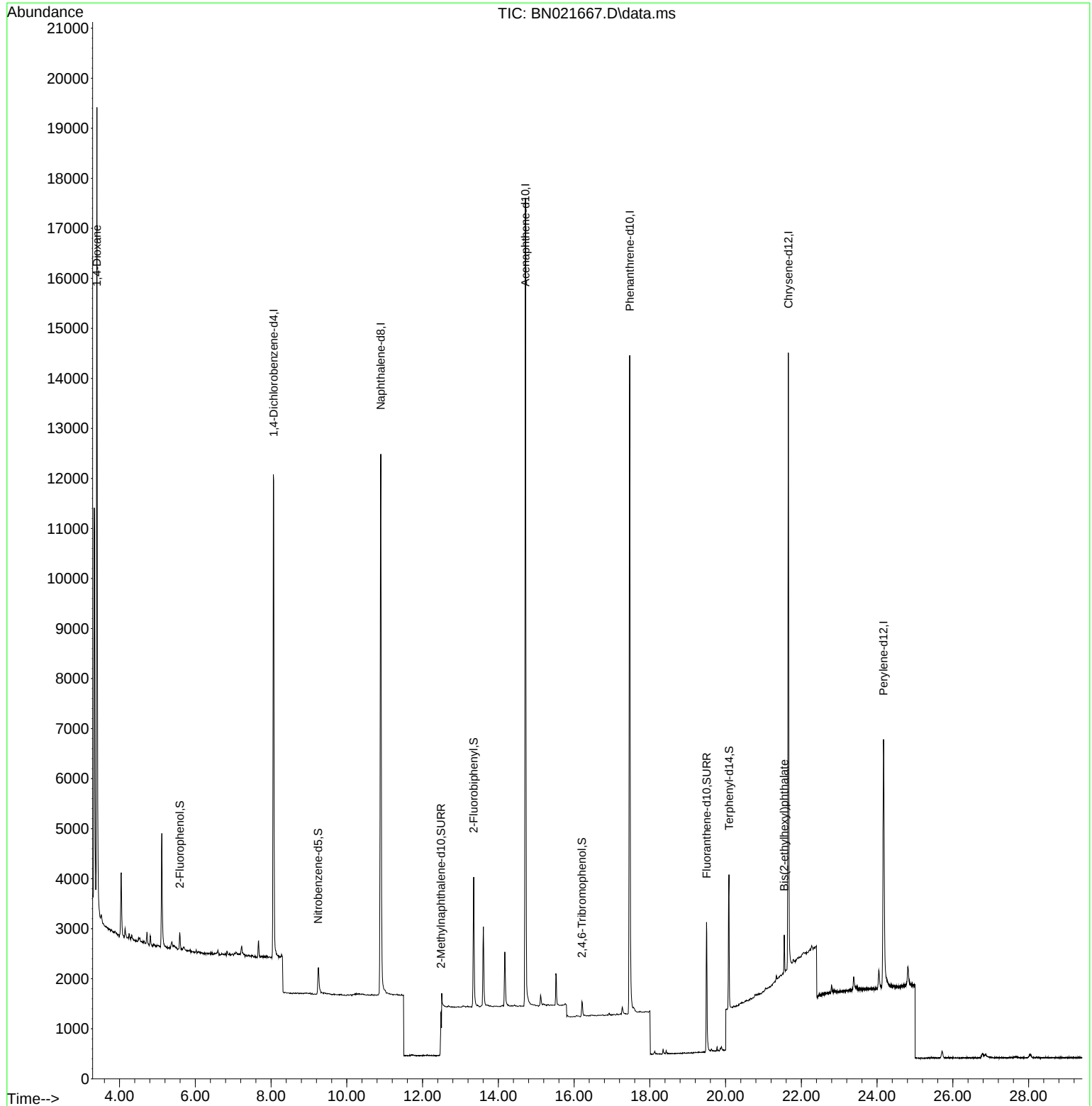
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5272	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16557	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9370	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19580	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11663	0.400	ng	# 0.00
35) Perylene-d12	24.170	264	8497	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	332	0.032	ng	0.00
5) Phenol-d6	7.224	99	238	0.018	ng	0.00
8) Nitrobenzene-d5	9.243	82	716	0.064	ng	0.01
11) 2-Methylnaphthalene-d10	12.486	152	2216	0.059	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	198	0.064	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	2527	0.062	ng	0.01
27) Fluoranthene-d10	19.497	212	3036	0.060	ng	0.00
31) Terphenyl-d14	20.088	244	2491	0.095	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	10748	1.630	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.548	149	818	0.050	ng	93

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

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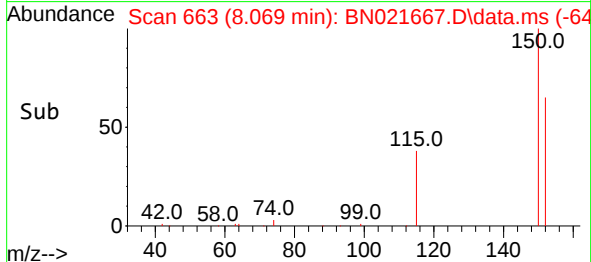
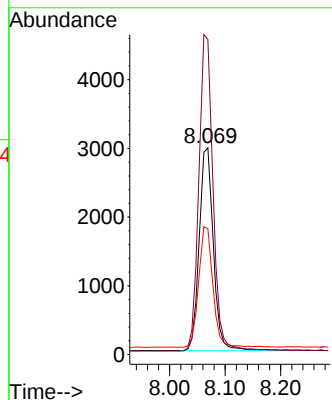
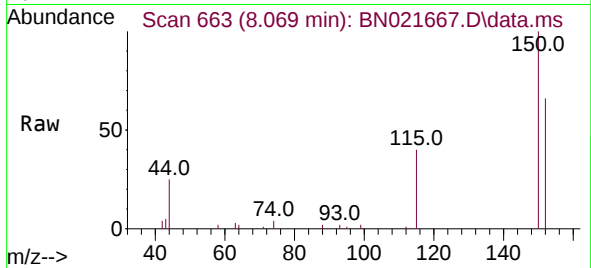




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN021667.D
 Acq: 09 Sep 2022 18:59

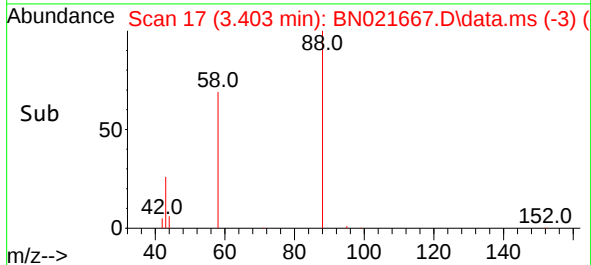
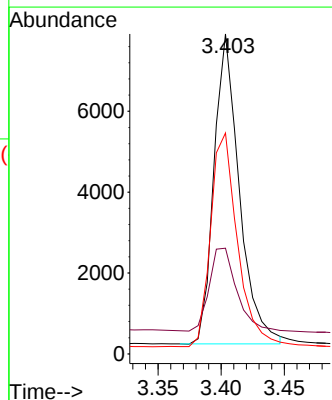
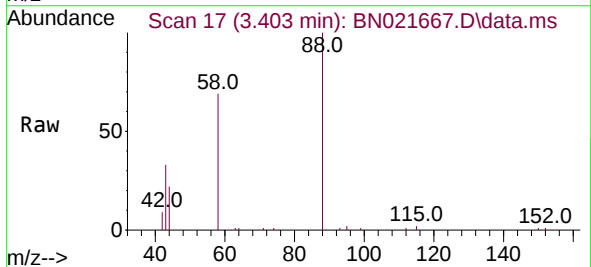
Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-40-45-083022DL

Tgt Ion:152 Resp: 5272
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.4 182.0
 115 60.8 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.630 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021667.D
 Acq: 09 Sep 2022 18:59

Tgt Ion: 88 Resp: 10748
 Ion Ratio Lower Upper
 88 100
 43 28.6 35.8 53.8#
 58 73.2 57.1 85.7





#4

2-Fluorophenol

Concen: 0.032 ng

RT: 5.592 min Scan# 321

Delta R.T. 0.000 min

Lab File: BN021667.D

Acq: 09 Sep 2022 18:59

Instrument :

BNA_N

ClientSampleId :

MW-10B-40-45-083022DL

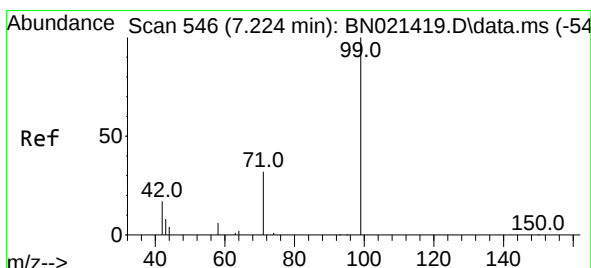
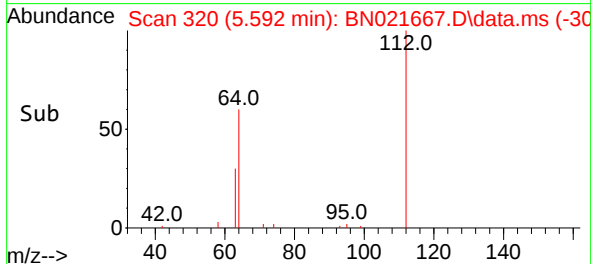
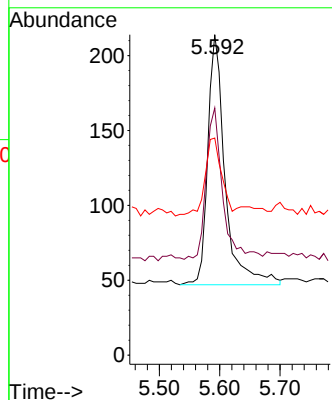
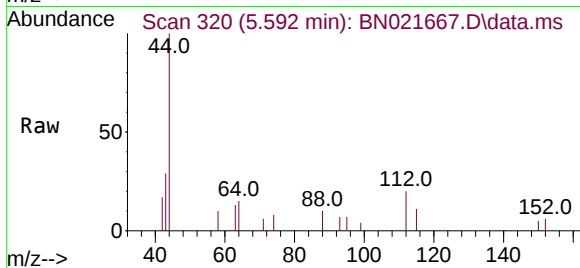
Tgt Ion:112 Resp: 332

Ion Ratio Lower Upper

112 100

64 57.5 43.5 65.3

63 28.6 22.6 34.0



#5

Phenol-d6

Concen: 0.018 ng

RT: 7.224 min Scan# 546

Delta R.T. 0.007 min

Lab File: BN021667.D

Acq: 09 Sep 2022 18:59

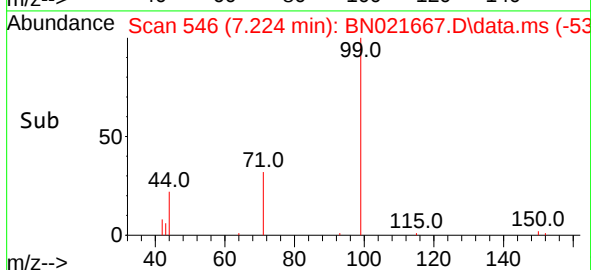
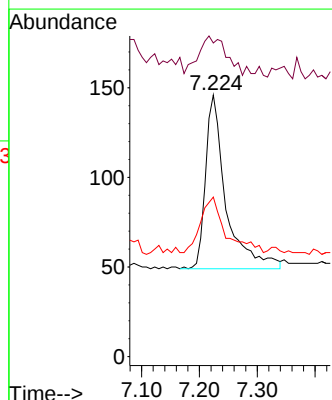
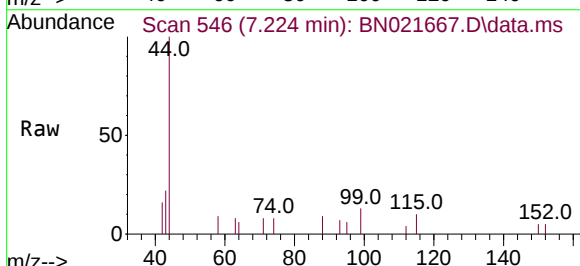
Tgt Ion: 99 Resp: 238

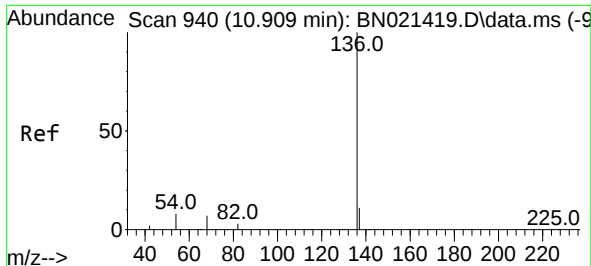
Ion Ratio Lower Upper

99 100

42 28.2 15.5 23.3#

71 38.2 24.2 36.2#

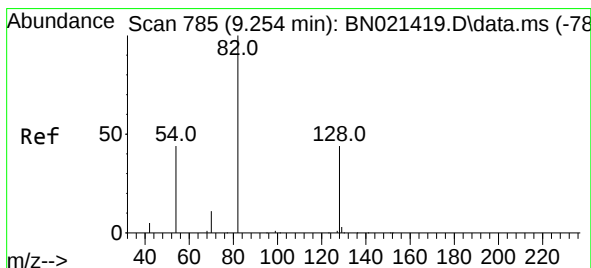
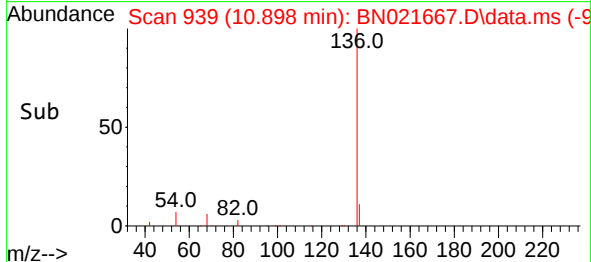
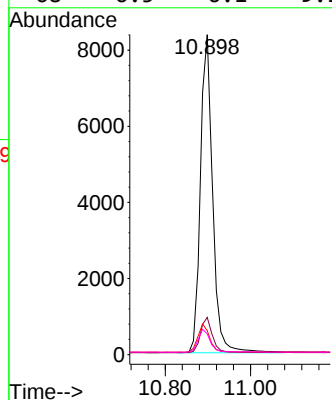
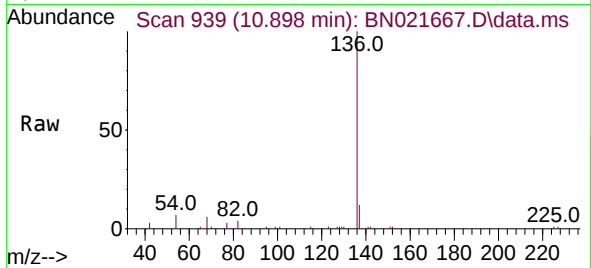




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

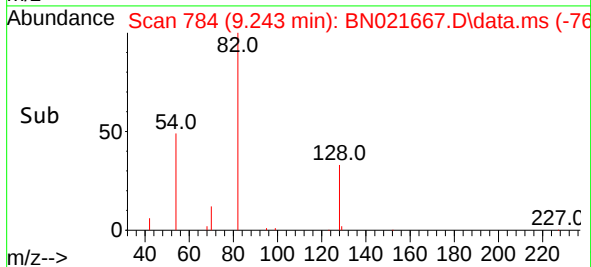
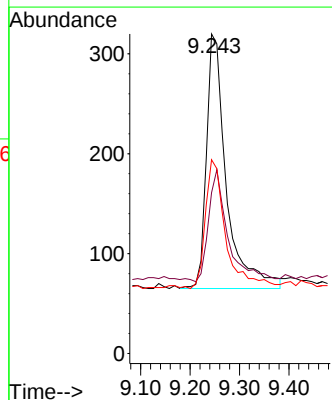
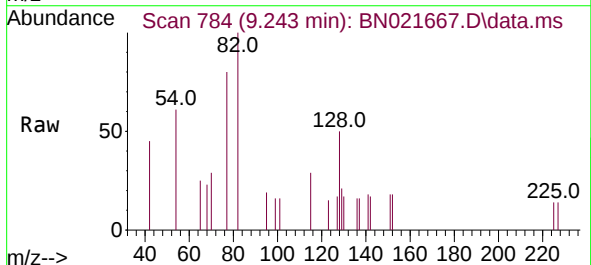
Instrument :
BNA_N
ClientSampleId :
MW-10B-40-45-083022DL

Tgt Ion:	136	Resp:	16557
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.5	6.9	10.3
68	6.5	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.064 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.011 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:	82	Resp:	716
Ion	Ratio	Lower	Upper
82	100		
128	50.3	30.9	46.3
54	60.6	42.7	64.1

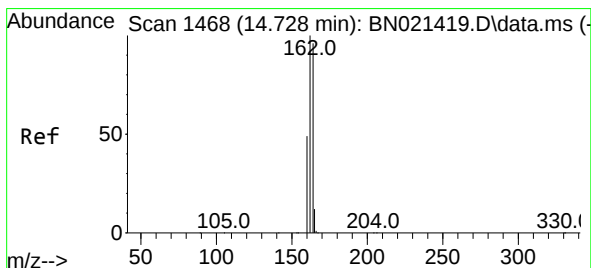
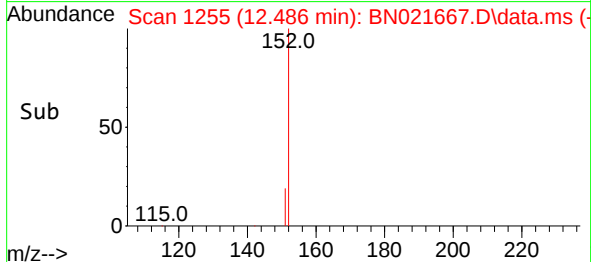
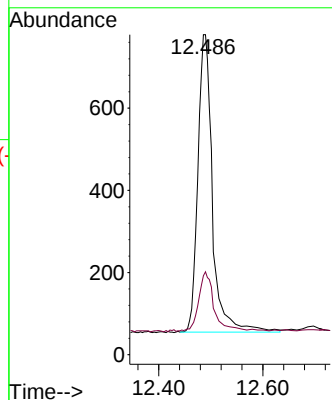
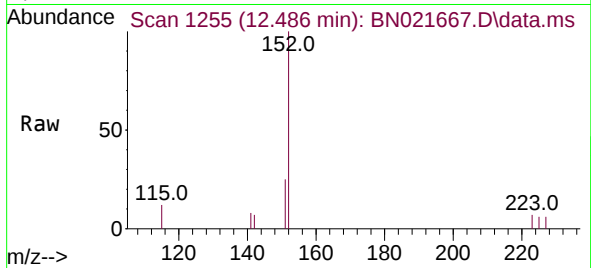




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.486 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

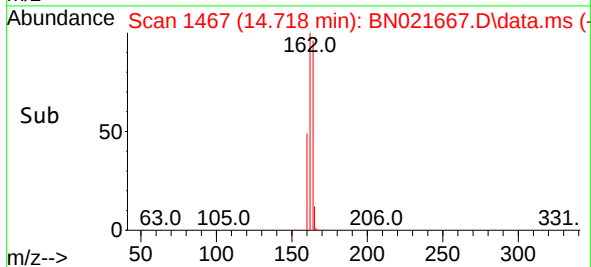
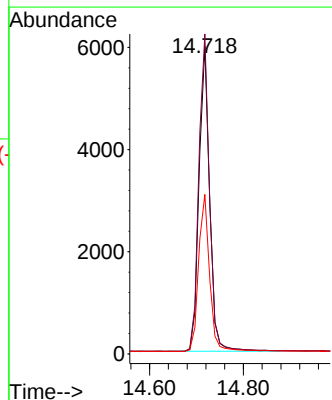
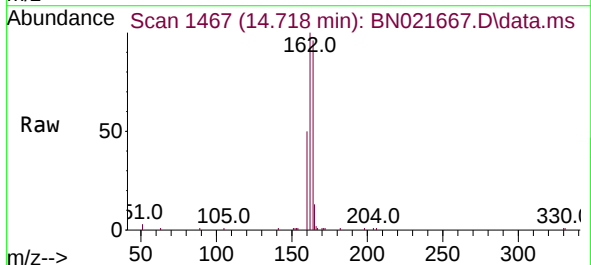
Instrument :
BNA_N
ClientSampleId :
MW-10B-40-45-083022DL

Tgt Ion:152 Resp: 2216
Ion Ratio Lower Upper
152 100
151 19.5 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:164 Resp: 9370
Ion Ratio Lower Upper
164 100
162 104.1 82.2 123.4
160 51.9 39.5 59.3

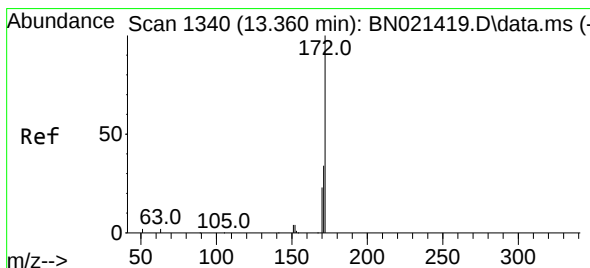
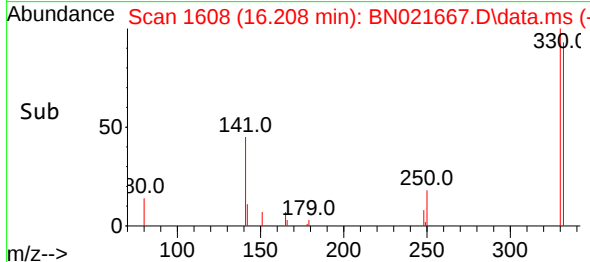
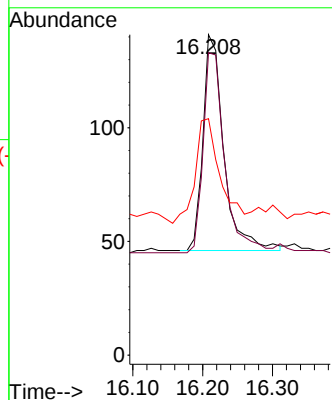
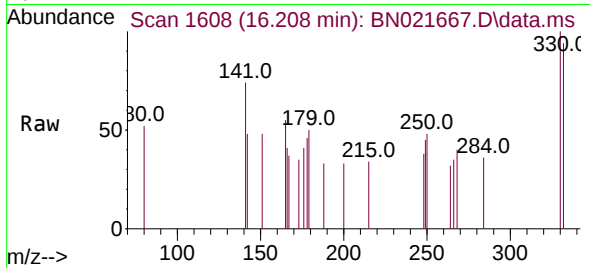




#14
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

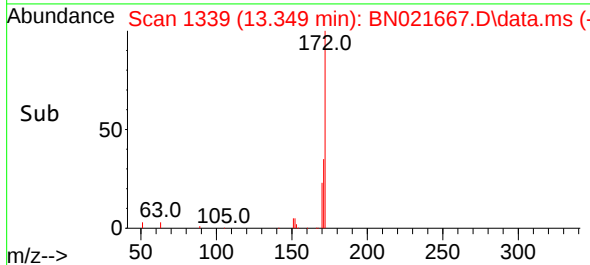
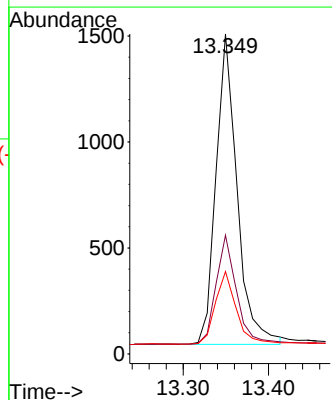
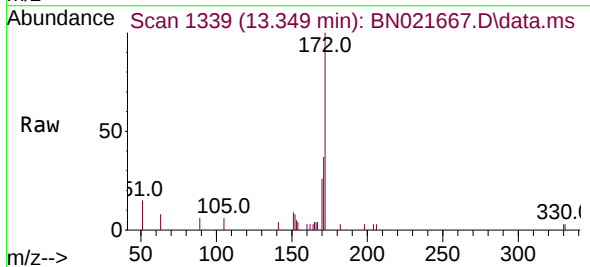
Instrument :
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ClientSampleId :
MW-10B-40-45-083022DL

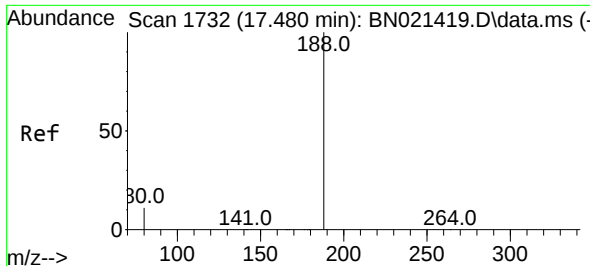
Tgt Ion:330 Resp: 198
Ion Ratio Lower Upper
330 100
332 95.5 79.3 118.9
141 58.6 37.1 55.7#



#15
2-Fluorobiphenyl
Concen: 0.062 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.011 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:172 Resp: 2527
Ion Ratio Lower Upper
172 100
171 37.1 27.8 41.6
170 25.8 18.6 28.0

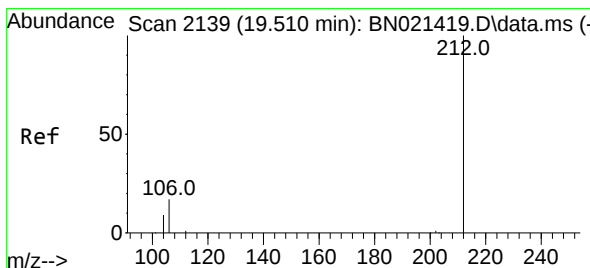
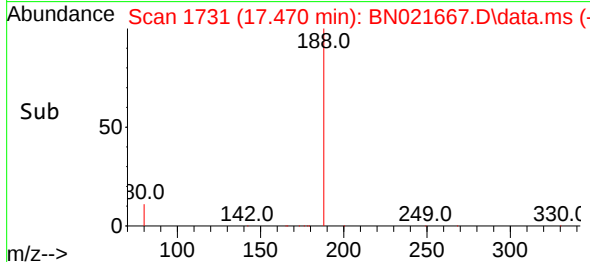
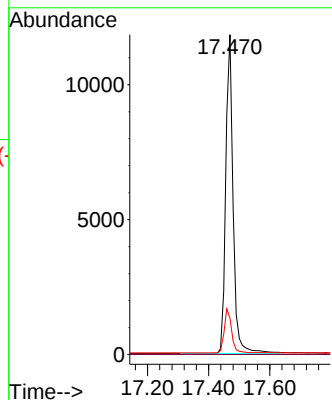
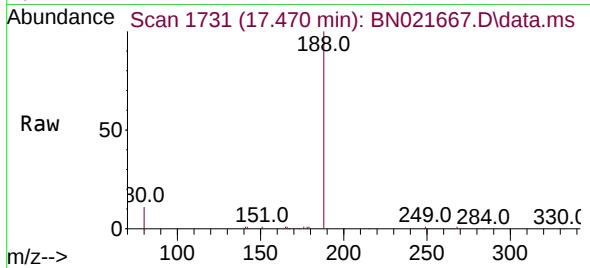




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

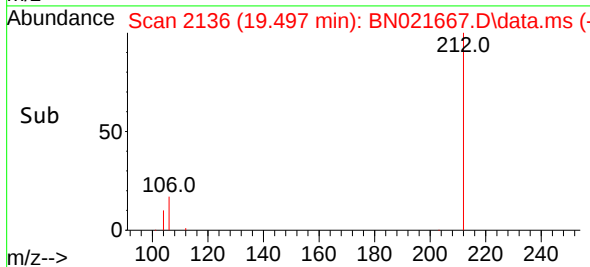
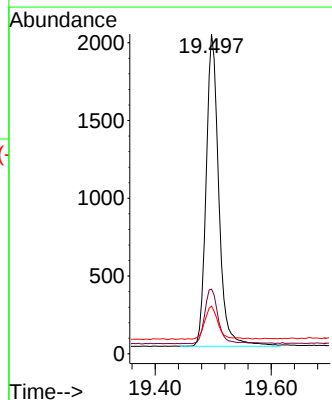
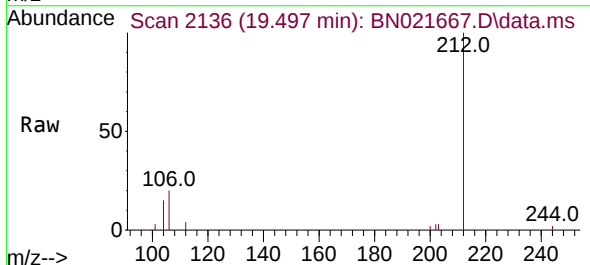
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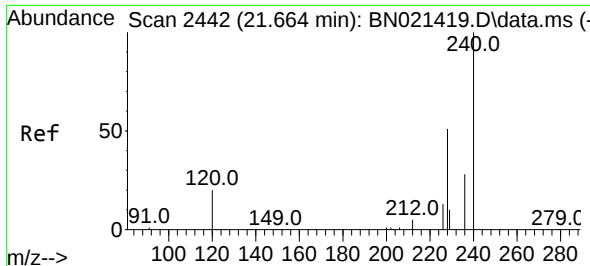
Tgt Ion:188 Resp: 19580
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.060 ng
RT: 19.497 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:212 Resp: 3036
Ion Ratio Lower Upper
212 100
106 18.3 14.2 21.2
104 11.0 7.8 11.6

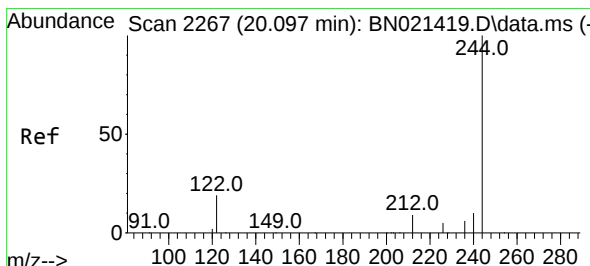
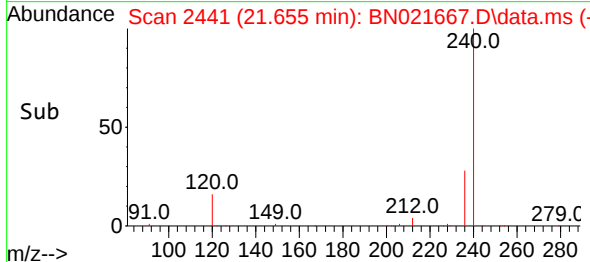
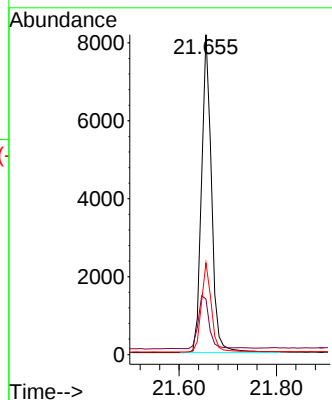
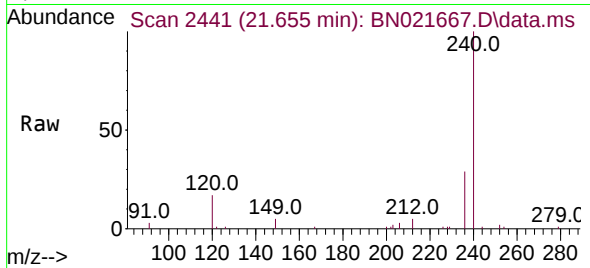




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

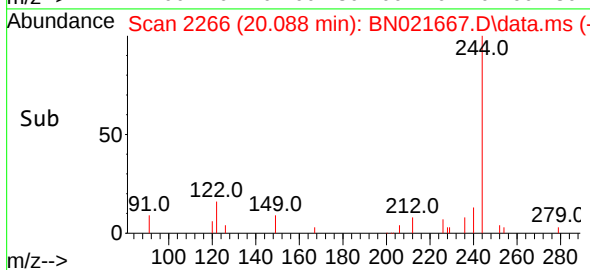
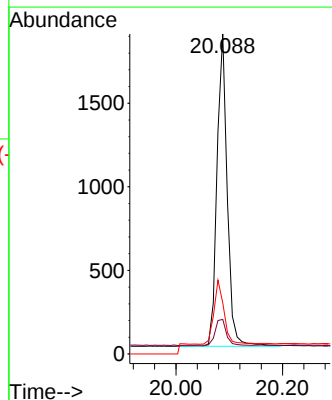
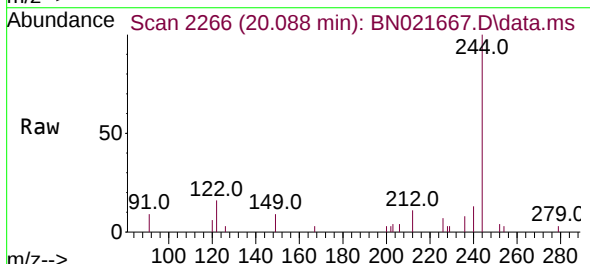
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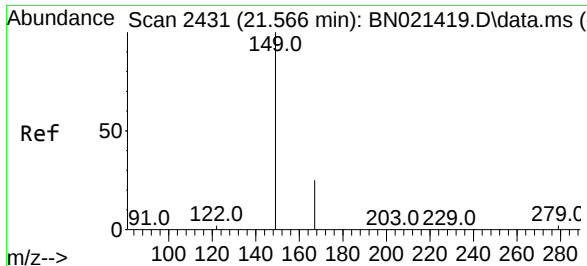
Tgt Ion:240 Resp: 11663
Ion Ratio Lower Upper
240 100
120 17.4 10.2 15.4#
236 28.7 22.1 33.1



#31
Terphenyl-d14
Concen: 0.095 ng
RT: 20.088 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN021667.D
Acq: 09 Sep 2022 18:59

Tgt Ion:244 Resp: 2491
Ion Ratio Lower Upper
244 100
212 10.8 6.5 9.7#
122 15.9 9.1 13.7#

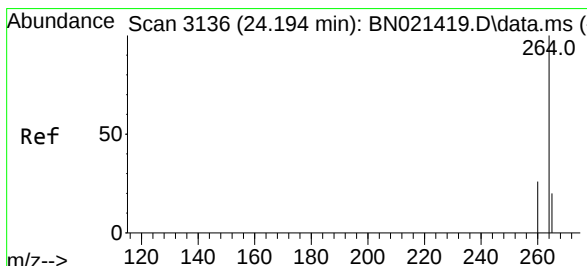
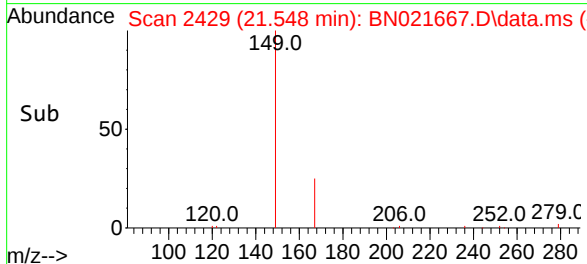
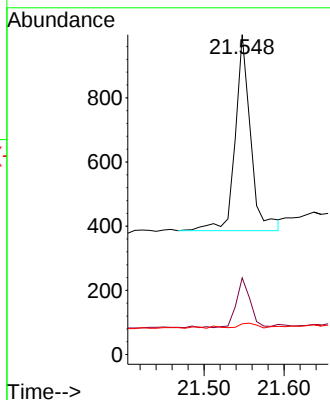
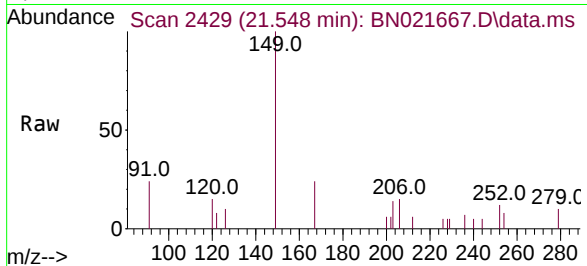




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021667.D
 Acq: 09 Sep 2022 18:59

Instrument :
 BNA_N
 ClientSampleId :
 MW-10B-40-45-083022DL

Tgt Ion:	149	Resp:	818
Ion Ratio	Lower	Upper	
149	100		
167	22.9	21.4	32.0
279	2.6	2.2	3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.170 min Scan# 3128
 Delta R.T. -0.003 min
 Lab File: BN021667.D
 Acq: 09 Sep 2022 18:59

Tgt Ion:	264	Resp:	8497
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.0	31.6
265	48.2	32.2	48.2

