

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021693.D
 Acq On : 10 Sep 2022 11:34
 Operator : CG/JU
 Sample : N4508-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222

Quant Time: Sep 12 01:08:16 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)

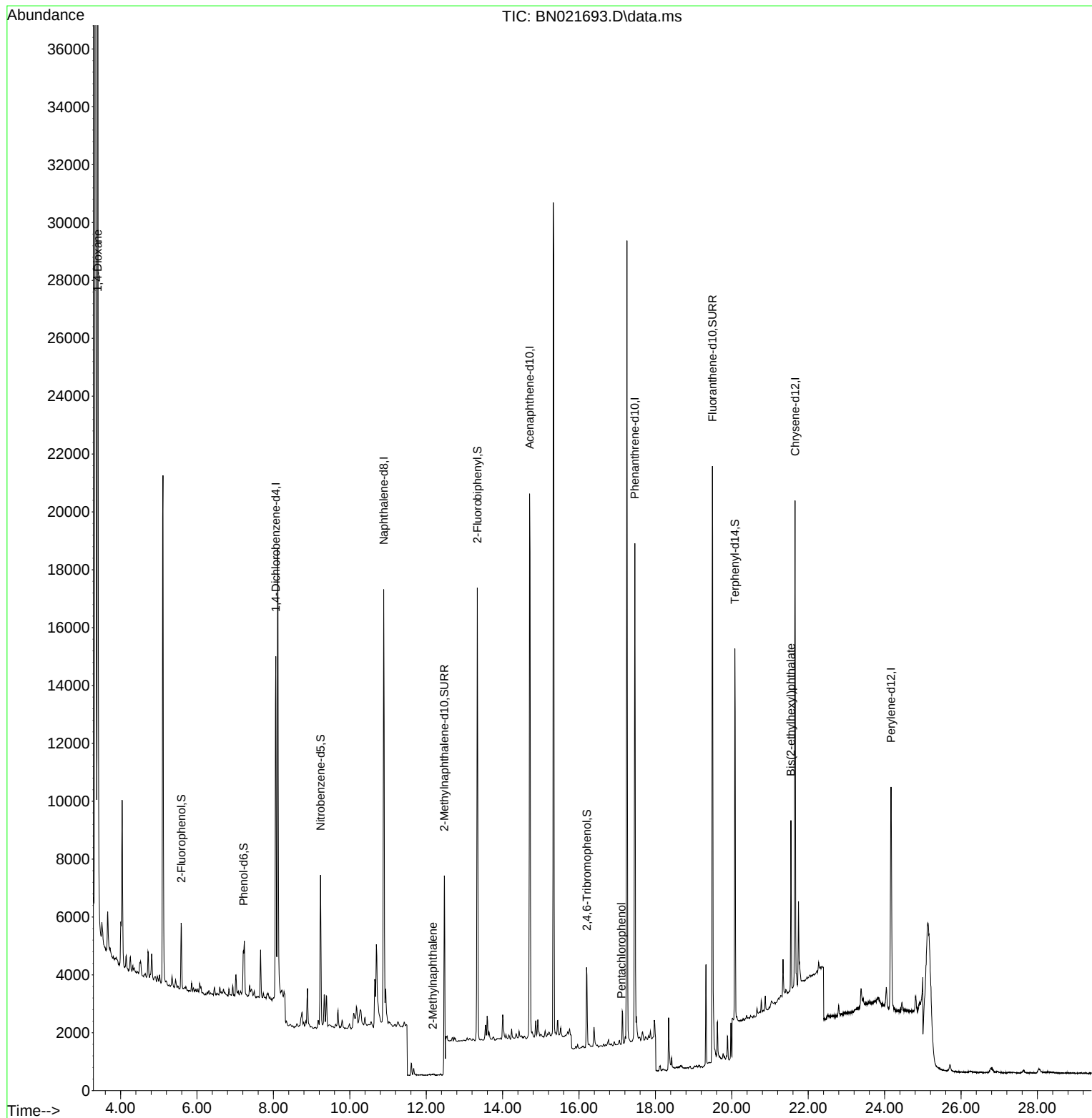
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5830	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	19803	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	11279	0.400	ng	-0.01
19) Phenanthrene-d10	17.460	188	22455	0.400	ng	-0.01
29) Chrysene-d12	21.655	240	14836	0.400	ng	# 0.00
35) Perylene-d12	24.168	264	11489	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1909	0.167	ng	0.00
5) Phenol-d6	7.217	99	1512	0.104	ng	0.00
8) Nitrobenzene-d5	9.233	82	4486	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	14335	0.321	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1631	0.440	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	13322	0.270	ng	0.00
27) Fluoranthene-d10	19.493	212	21860	0.379	ng	0.00
31) Terphenyl-d14	20.079	244	11384	0.341	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	29583	4.057	ng	# 90
12) 2-Methylnaphthalene	12.176	142	44	0.131	ng	# 1
24) Pentachlorophenol	17.111	266	37	0.209	ng	# 75
34) Bis(2-ethylhexyl)phtha...	21.548	149	5342	0.257	ng	99

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

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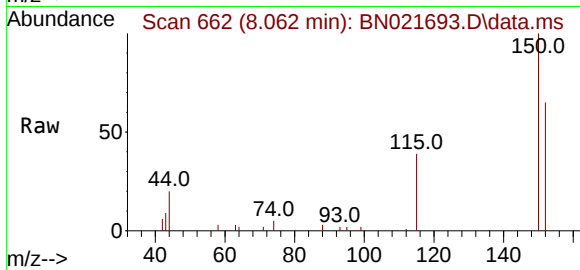
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



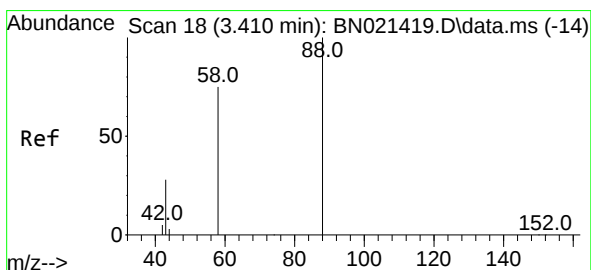
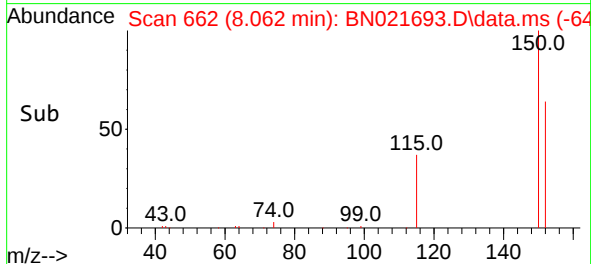
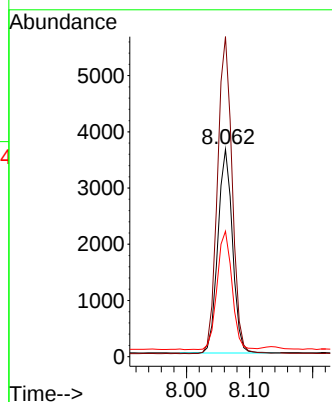


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021693.D
 Acq: 10 Sep 2022 11:34

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222

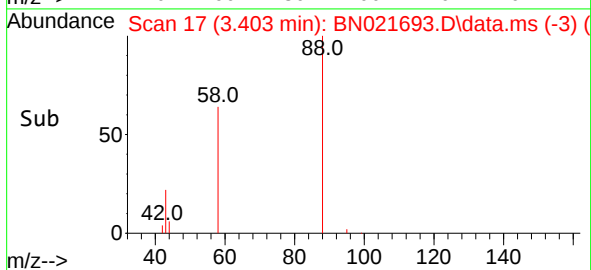
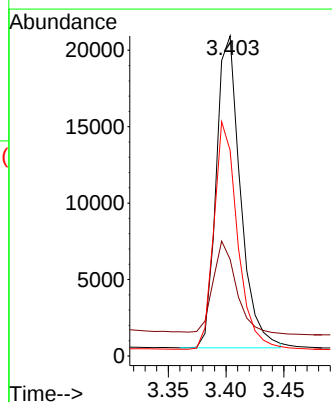
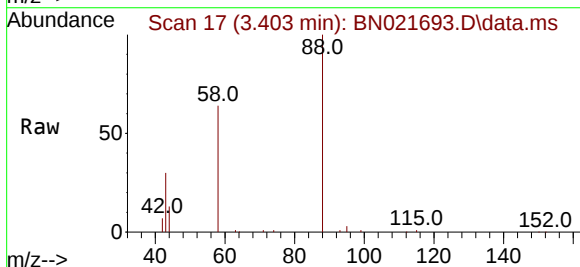


Tgt Ion:152 Resp: 5830
 Ion Ratio Lower Upper
 152 100
 150 154.3 121.4 182.0
 115 60.5 48.6 72.8



#2
 1,4-Dioxane
 Concen: 4.057 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021693.D
 Acq: 10 Sep 2022 11:34

Tgt Ion: 88 Resp: 29583
 Ion Ratio Lower Upper
 88 100
 43 28.2 35.8 53.8#
 58 71.2 57.1 85.7

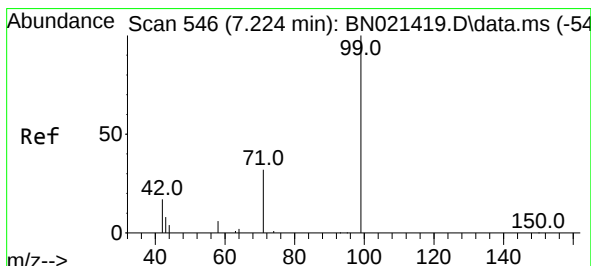
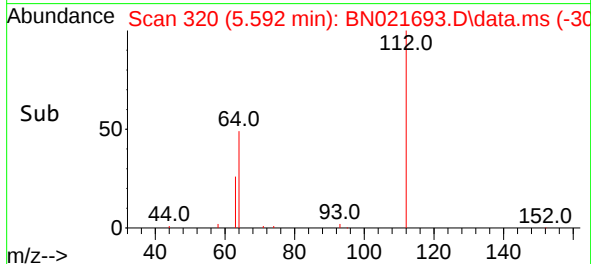
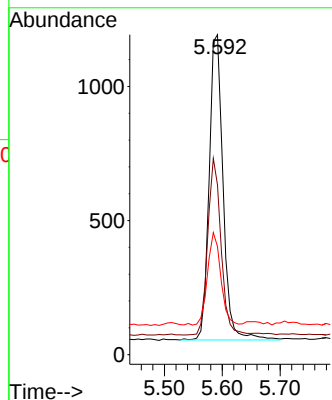
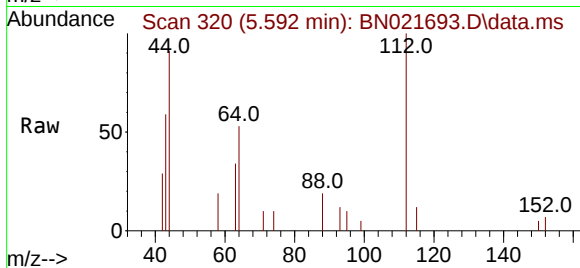




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

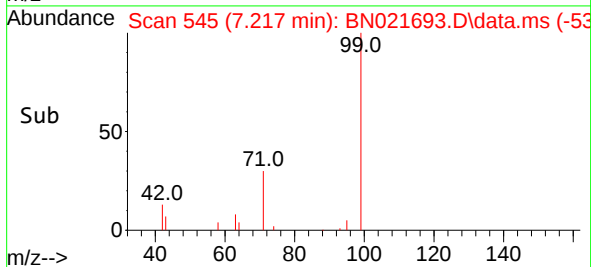
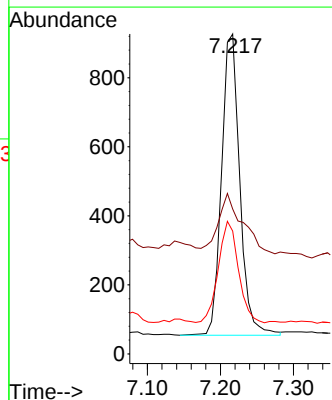
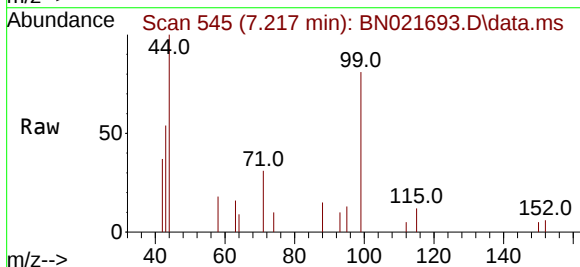
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222

Tgt Ion:112 Resp: 1909
Ion Ratio Lower Upper
112 100
64 55.1 43.5 65.3
63 28.6 22.6 34.0



#5
Phenol-d6
Concen: 0.104 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

Tgt Ion: 99 Resp: 1512
Ion Ratio Lower Upper
99 100
42 26.7 15.5 23.3#
71 37.2 24.2 36.2#

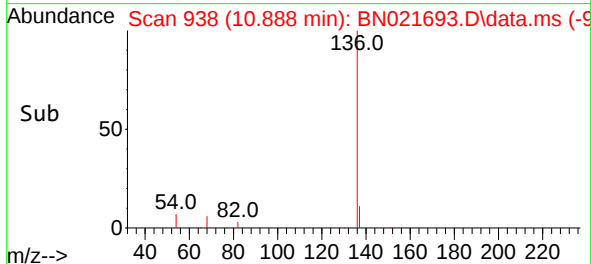
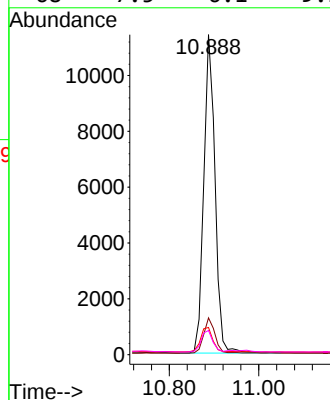
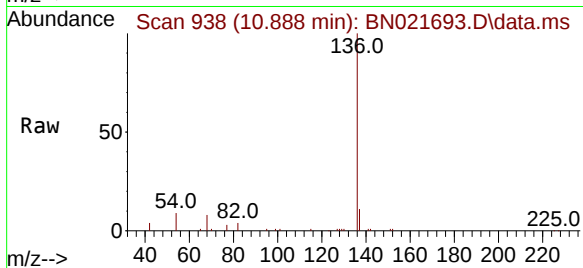




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

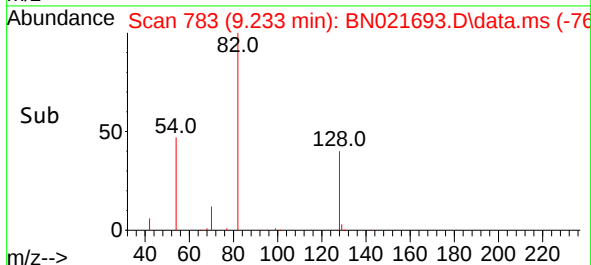
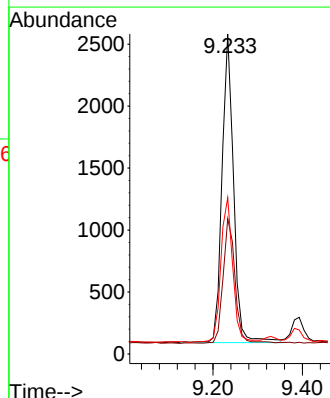
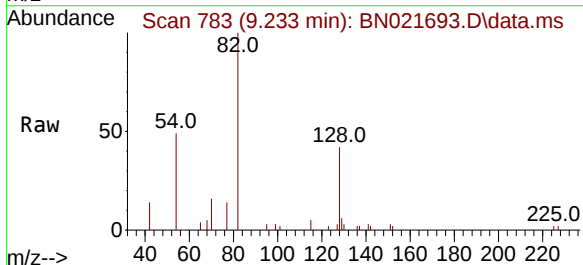
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222

Tgt Ion:	136	Resp:	19803
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	8.5	6.9	10.3
68	7.5	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

Tgt Ion:	82	Resp:	4486
Ion Ratio	Lower	Upper	
82	100		
128	42.3	30.9	46.3
54	48.8	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.475 min Scan# 1173

Delta R.T. -0.004 min

Lab File: BN021693.D

Acq: 10 Sep 2022 11:34

Instrument :

BNA_N

ClientSampleId :

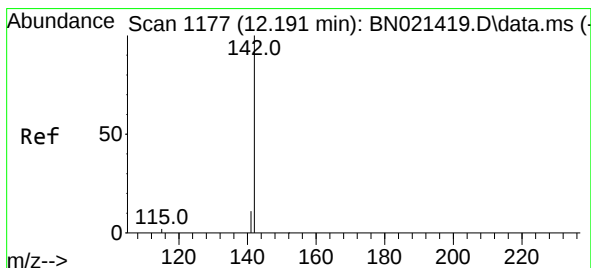
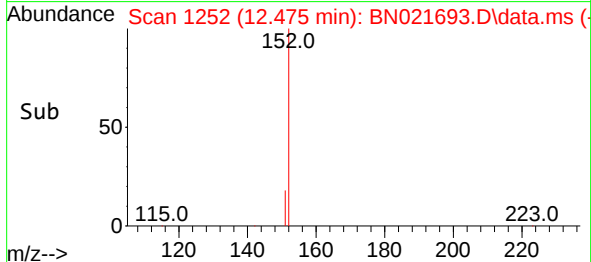
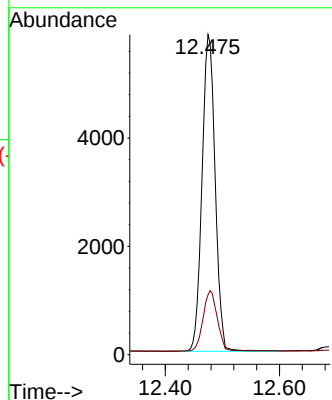
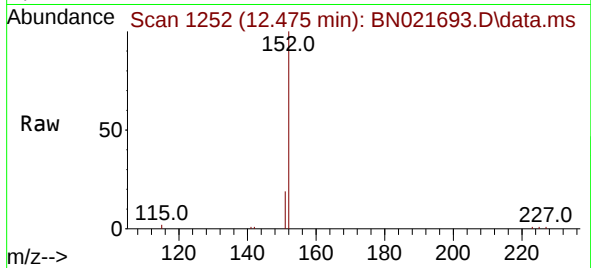
BR-03-117-137-090222

Tgt Ion:152 Resp: 14335

Ion Ratio Lower Upper

152 100

151 20.9 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.131 ng

RT: 12.176 min Scan# 1173

Delta R.T. -0.004 min

Lab File: BN021693.D

Acq: 10 Sep 2022 11:34

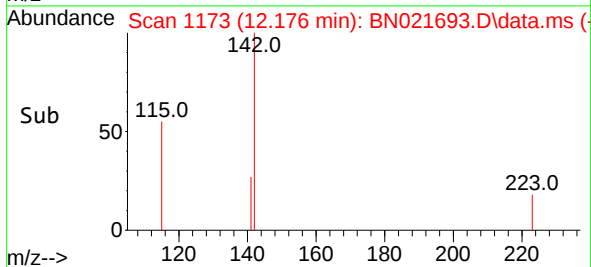
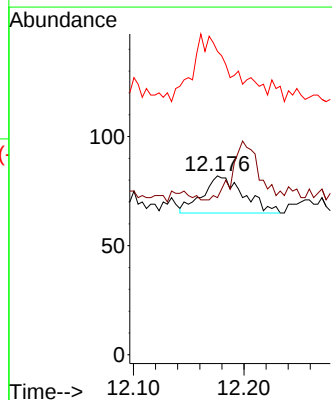
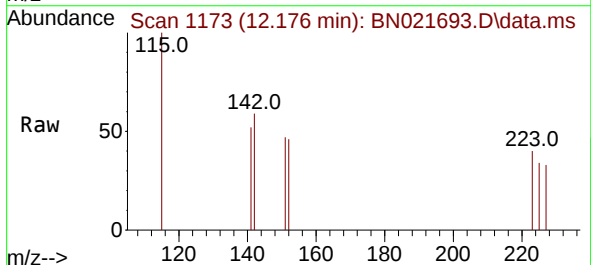
Tgt Ion:142 Resp: 44

Ion Ratio Lower Upper

142 100

141 87.8 12.2 18.2#

115 169.5 7.9 11.9#

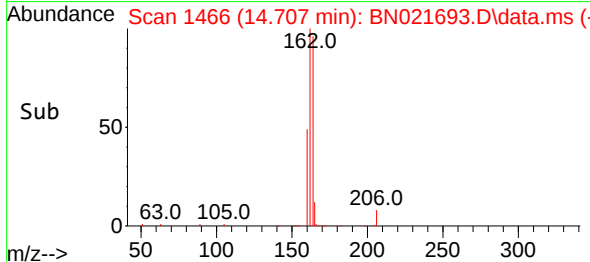
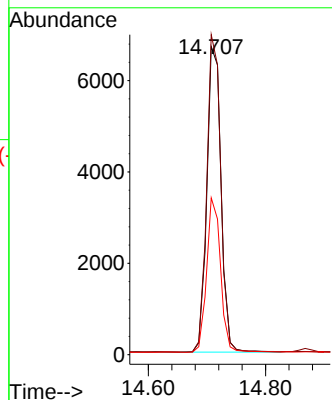
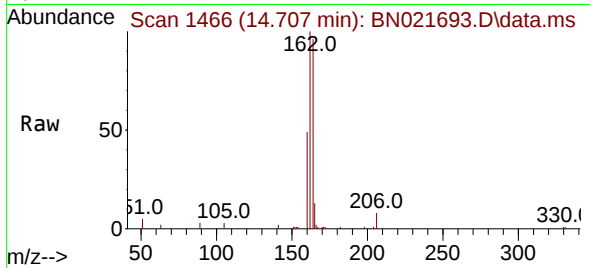




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.011 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

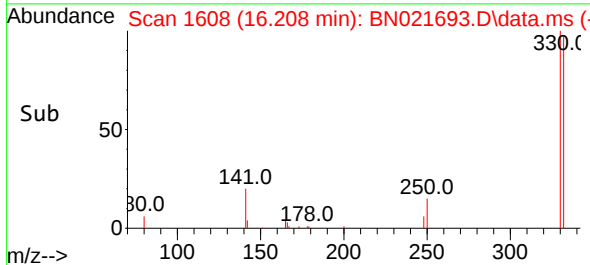
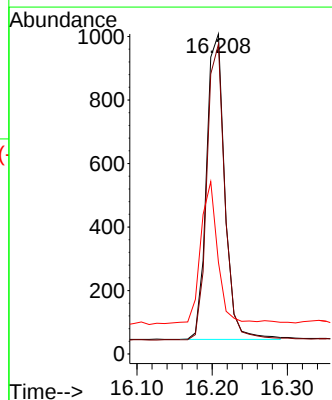
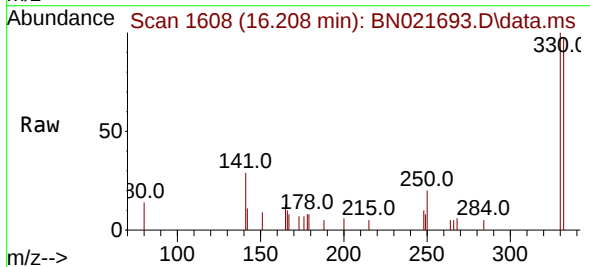
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222

Tgt Ion:164	Resp:	11279
Ion	Ratio	Lower Upper
164	100	
162	103.9	82.2 123.4
160	50.9	39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.440 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

Tgt Ion:330	Resp:	1631
Ion	Ratio	Lower Upper
330	100	
332	95.7	79.3 118.9
141	43.3	37.1 55.7

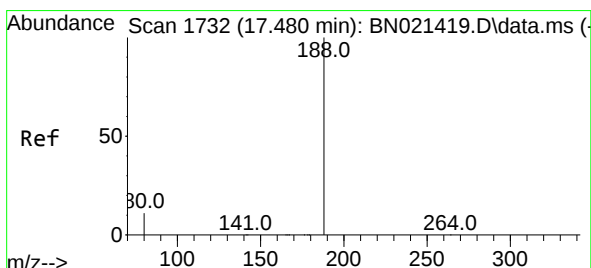
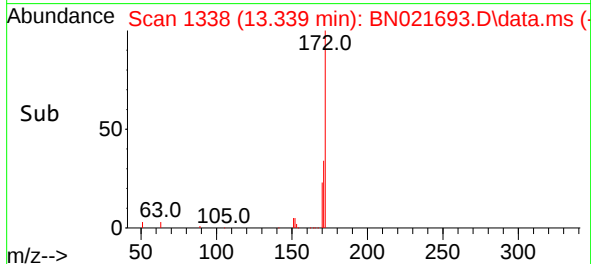
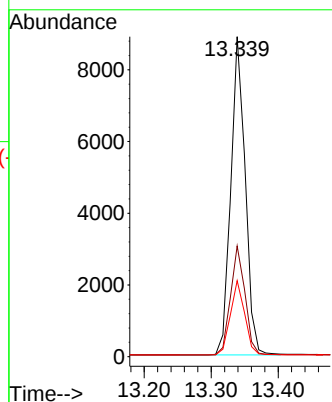
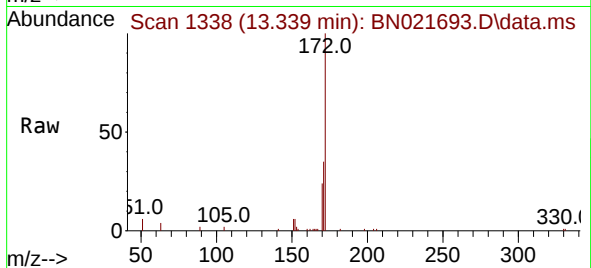




#15
2-Fluorobiphenyl
Concen: 0.270 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

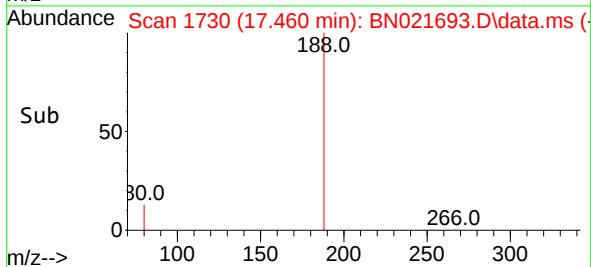
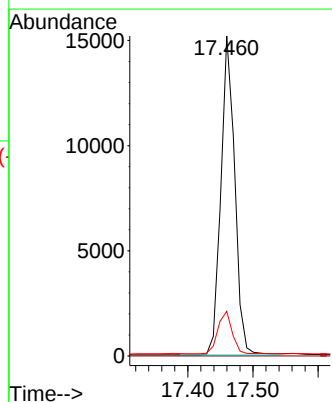
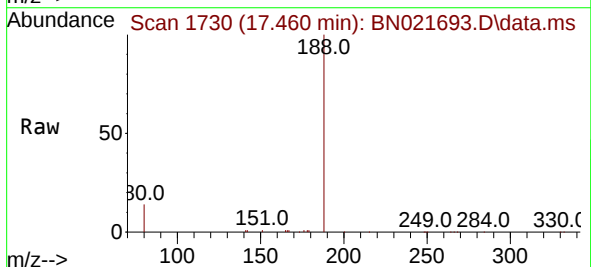
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BNA_N
ClientSampleId :
BR-03-117-137-090222

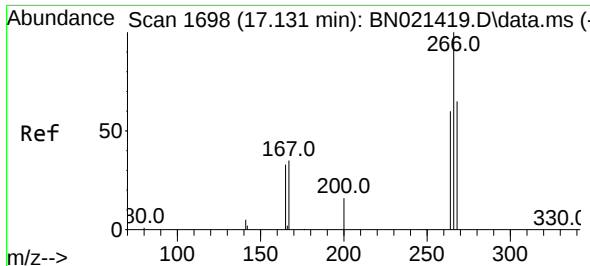
Tgt Ion:172 Resp: 13322
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.7 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

Tgt Ion:188 Resp: 22455
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.5 14.3

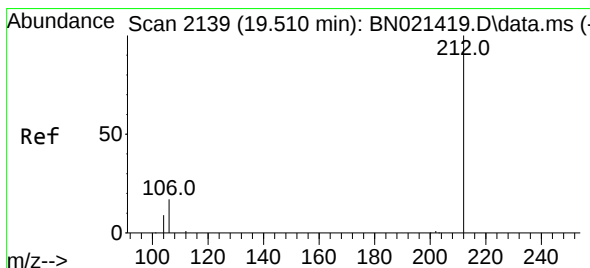
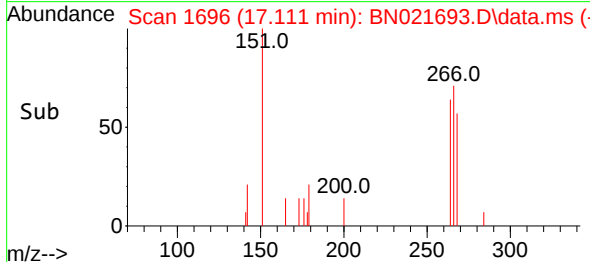
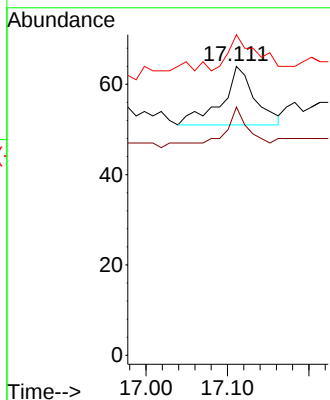
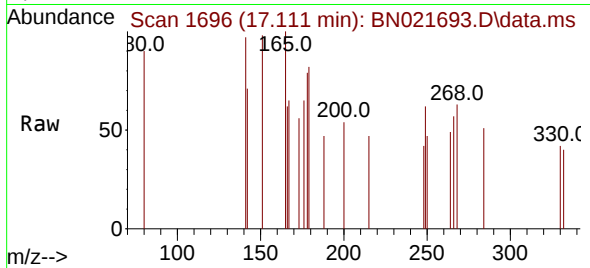




#24
 Pentachlorophenol
 Concen: 0.209 ng
 RT: 17.111 min Scan# 1696
 Delta R.T. -0.010 min
 Lab File: BN021693.D
 Acq: 10 Sep 2022 11:34

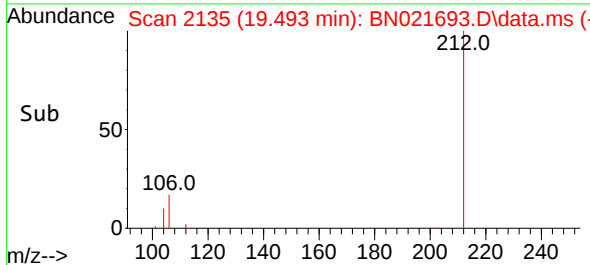
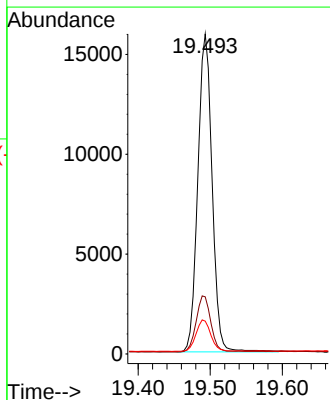
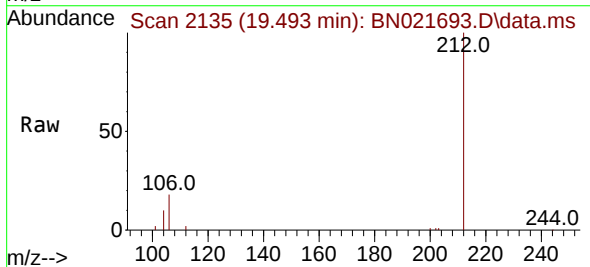
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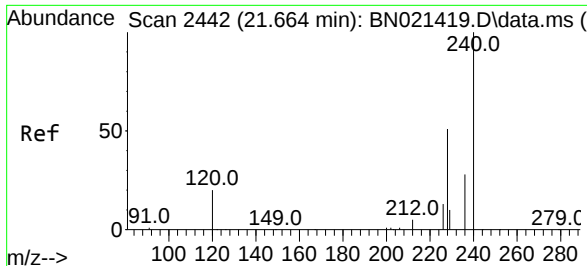
Tgt Ion:266 Resp: 37
 Ion Ratio Lower Upper
 266 100
 264 32.4 49.0 73.6#
 268 54.1 50.9 76.3



#27
 Fluoranthene-d10
 Concen: 0.379 ng
 RT: 19.493 min Scan# 2135
 Delta R.T. -0.004 min
 Lab File: BN021693.D
 Acq: 10 Sep 2022 11:34

Tgt Ion:212 Resp: 21860
 Ion Ratio Lower Upper
 212 100
 106 18.2 14.2 21.2
 104 10.3 7.8 11.6

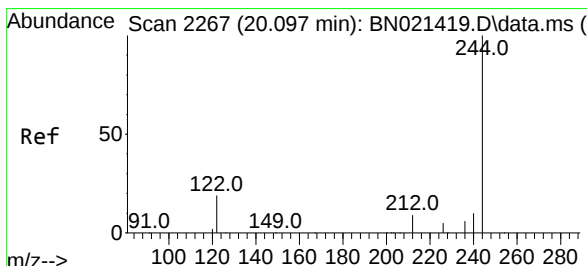
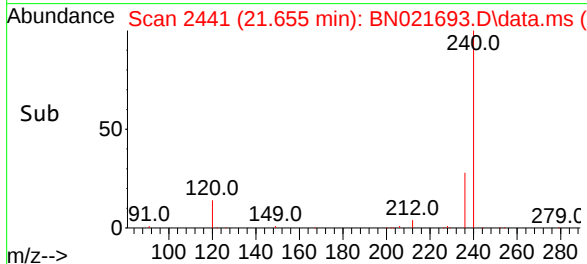
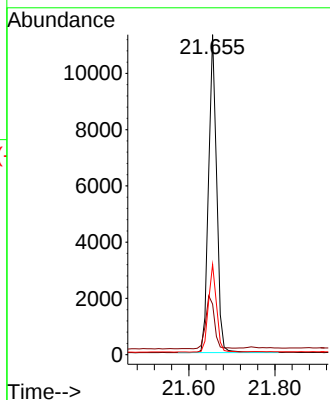
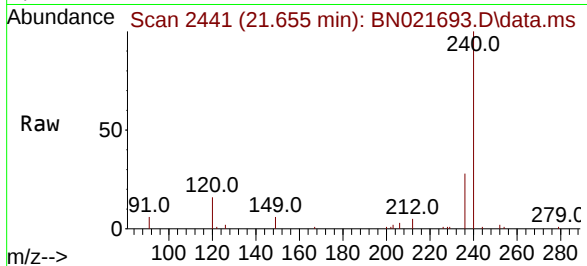




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

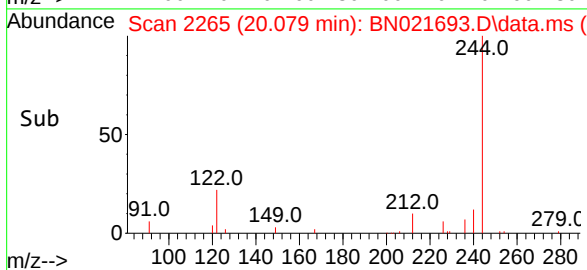
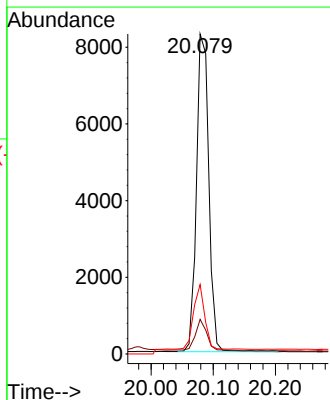
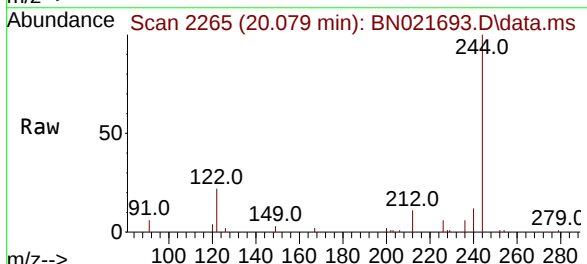
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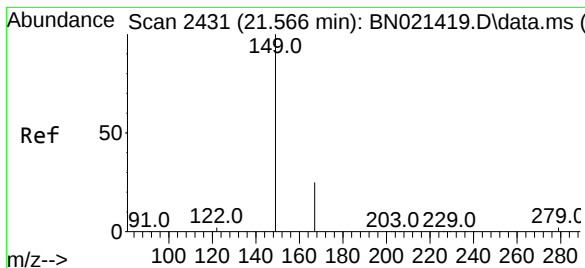
Tgt Ion:240 Resp: 14836
Ion Ratio Lower Upper
240 100
120 15.8 10.2 15.4#
236 28.2 22.1 33.1



#31
Terphenyl-d14
Concen: 0.341 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021693.D
Acq: 10 Sep 2022 11:34

Tgt Ion:244 Resp: 11384
Ion Ratio Lower Upper
244 100
212 10.8 6.5 9.7#
122 21.7 9.1 13.7#

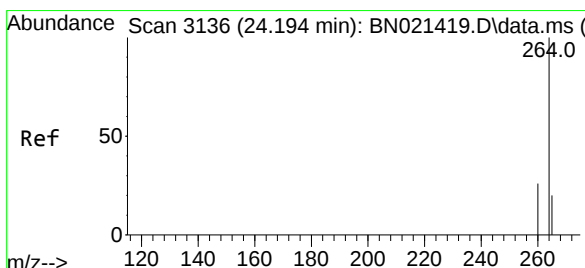
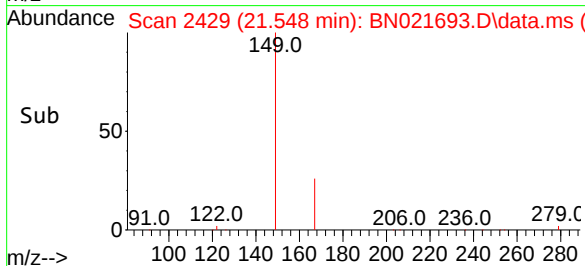
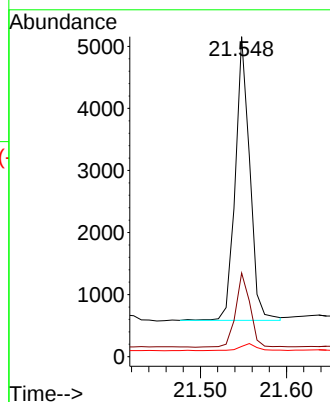
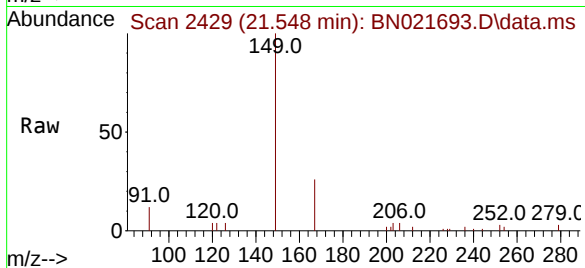




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.257 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021693.D
 Acq: 10 Sep 2022 11:34

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222

Tgt Ion:149 Resp: 5342
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.0
 279 3.0 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.168 min Scan# 3127
 Delta R.T. -0.006 min
 Lab File: BN021693.D
 Acq: 10 Sep 2022 11:34

Tgt Ion:264 Resp: 11489
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.0 31.6
 265 46.1 32.2 48.2

