

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021687.D
 Acq On : 10 Sep 2022 07:54
 Operator : CG/JU
 Sample : N4492-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-090122

Quant Time: Sep 12 01:06:28 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)

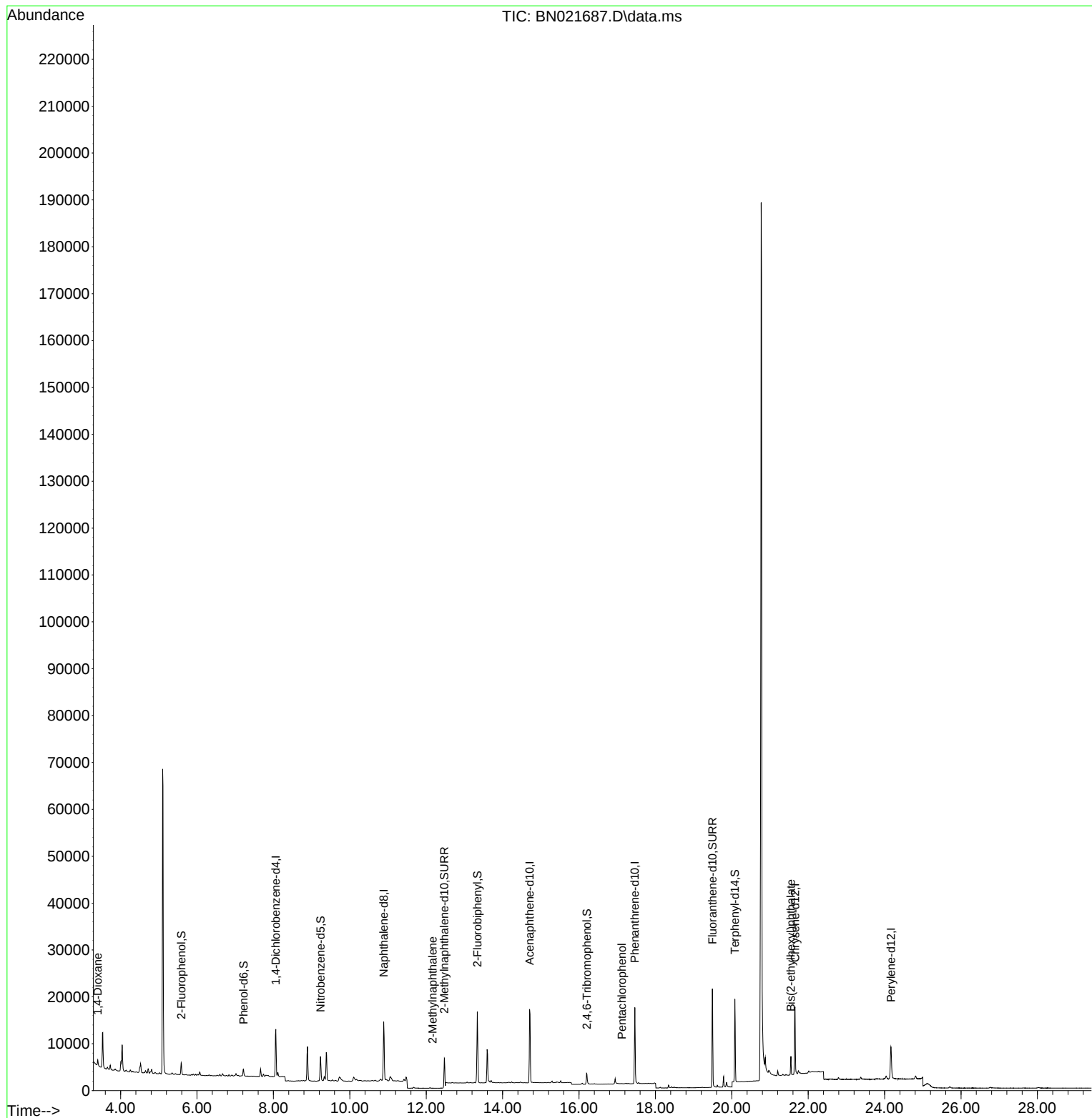
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	5081	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	16956	0.400	ng	-0.01
13) Acenaphthene-d10	14.707	164	9746	0.400	ng	-0.01
19) Phenanthrene-d10	17.459	188	20388	0.400	ng	-0.01
29) Chrysene-d12	21.655	240	14502	0.400	ng	0.00
35) Perylene-d12	24.165	264	10522	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	2112	0.212	ng	0.00
5) Phenol-d6	7.217	99	1686	0.133	ng	0.00
8) Nitrobenzene-d5	9.233	82	4224	0.369	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	13800	0.361	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1395	0.436	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	12920	0.303	ng	0.00
27) Fluoranthene-d10	19.493	212	22512	0.429	ng	0.00
31) Terphenyl-d14	20.079	244	15151	0.465	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	617	0.097	ng	Qvalue # 49
12) 2-Methylnaphthalene	12.168	142	3	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	17	0.206	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.548	149	3785	0.186	ng	97

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

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Quant Time: Sep 12 01:06:28 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

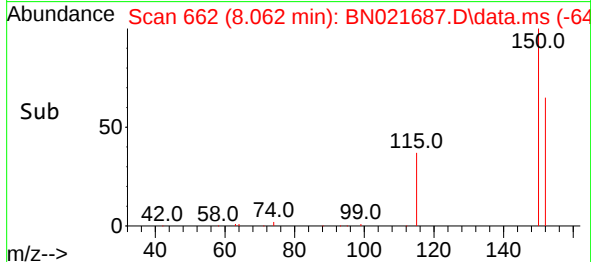
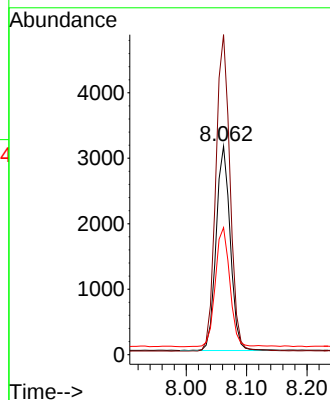
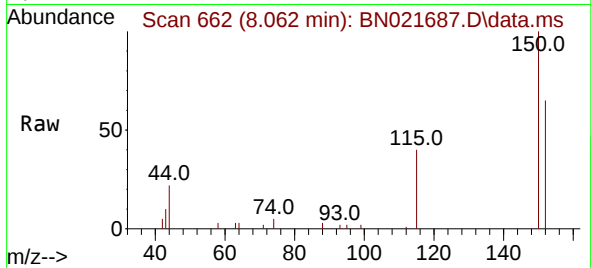




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.062 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021687.D
 Acq: 10 Sep 2022 07:54

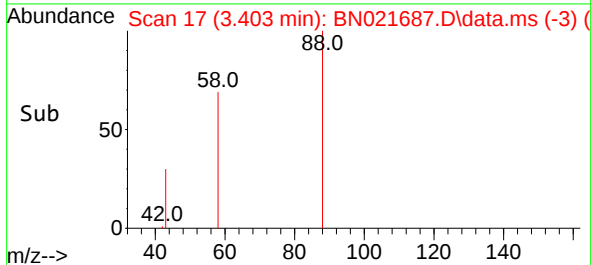
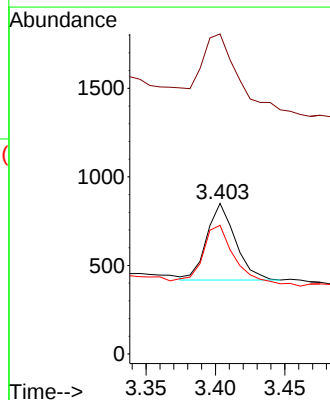
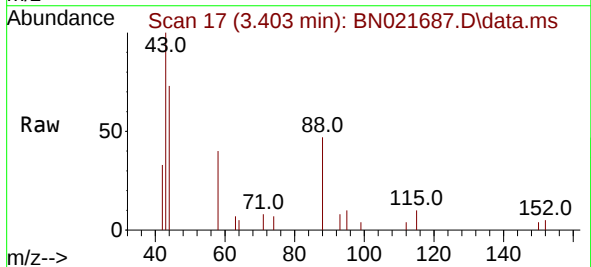
Instrument :
 BNA_N
 ClientSampleId :
 EB02-090122

Tgt Ion:152 Resp: 5081
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.4 182.0
 115 60.9 48.6 72.8



#2
 1,4-Dioxane
 Concen: 0.097 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021687.D
 Acq: 10 Sep 2022 07:54

Tgt Ion: 88 Resp: 617
 Ion Ratio Lower Upper
 88 100
 43 116.4 35.8 53.8#
 58 83.6 57.1 85.7

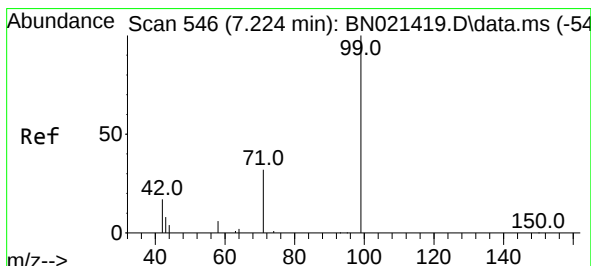
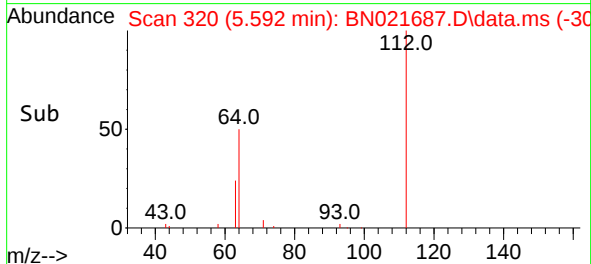
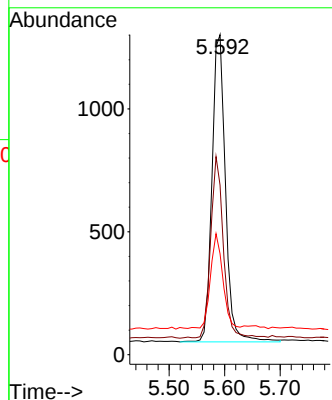
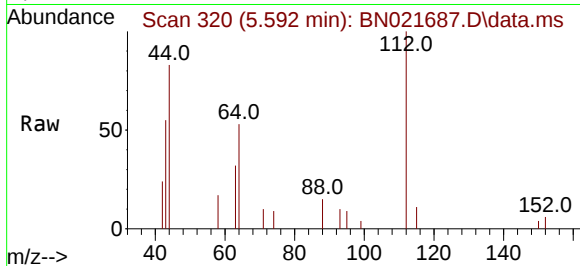




#4
2-Fluorophenol
Concen: 0.212 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

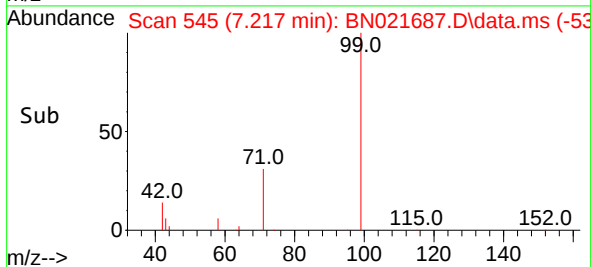
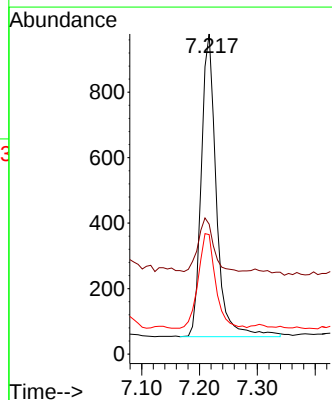
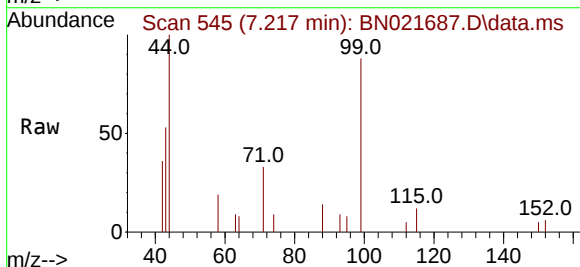
Instrument :
BNA_N
ClientSampleId :
EB02-090122

Tgt Ion:112 Resp: 2112
Ion Ratio Lower Upper
112 100
64 55.4 43.5 65.3
63 28.2 22.6 34.0



#5
Phenol-d6
Concen: 0.133 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

Tgt Ion: 99 Resp: 1686
Ion Ratio Lower Upper
99 100
42 17.9 15.5 23.3
71 35.8 24.2 36.2

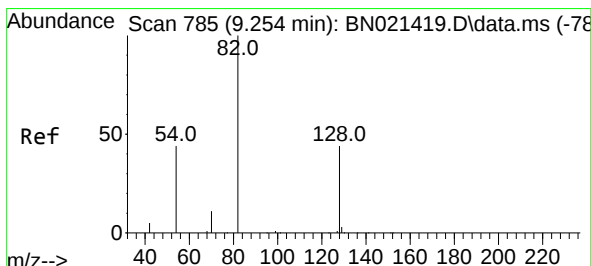
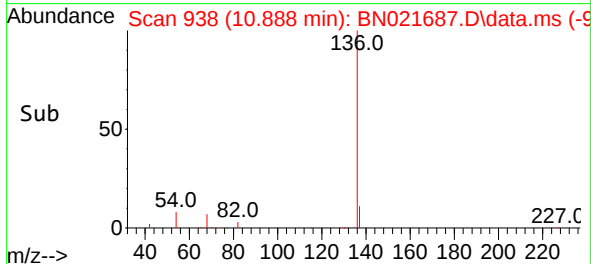
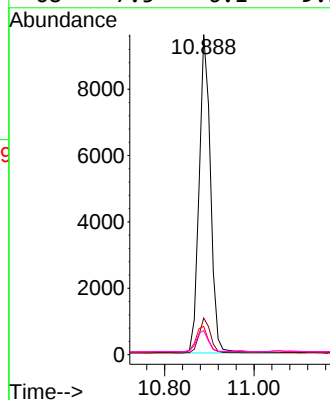
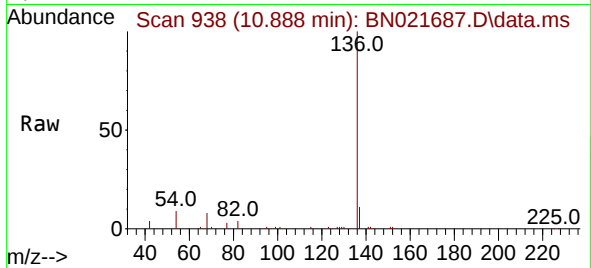




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

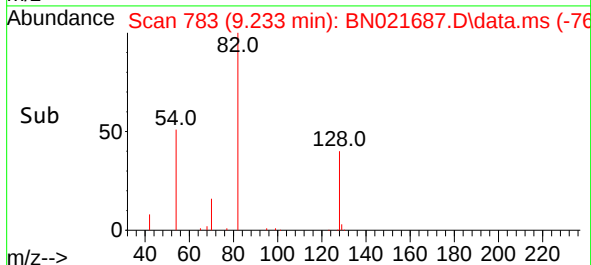
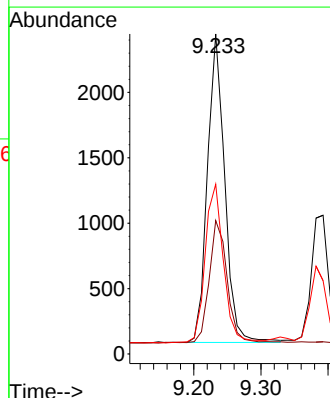
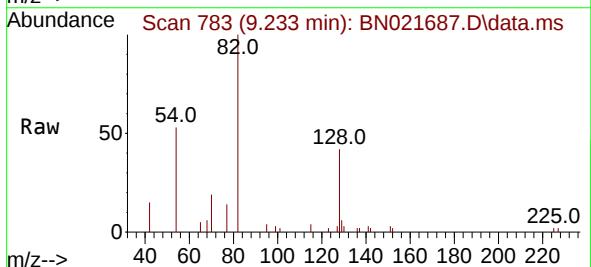
Instrument :
BNA_N
ClientSampleId :
EB02-090122

Tgt Ion:136	Resp:	16956
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.3 13.9
54	8.8	6.9 10.3
68	7.5	6.1 9.1



#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

Tgt Ion: 82	Resp:	4224
Ion Ratio	Lower	Upper
82	100	
128	41.7	30.9 46.3
54	53.0	42.7 64.1





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 12.475 min Scan# 1171

Delta R.T. -0.004 min

Lab File: BN021687.D

Acq: 10 Sep 2022 07:54

Instrument :

BNA_N

ClientSampleId :

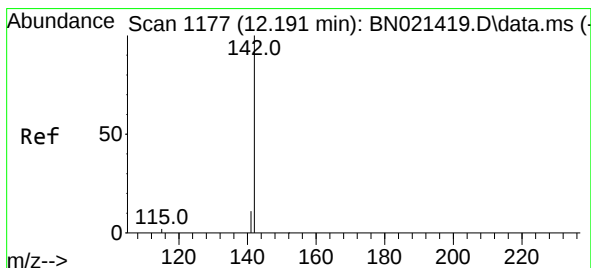
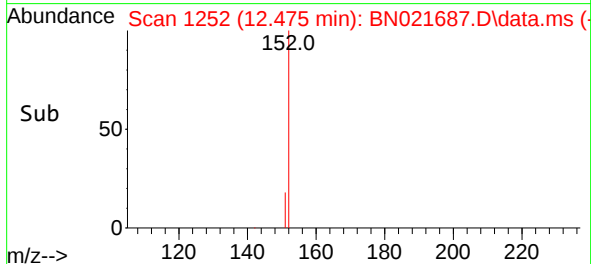
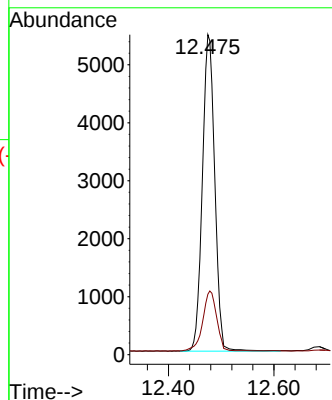
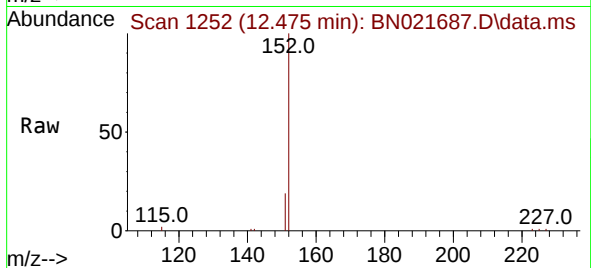
EB02-090122

Tgt Ion:152 Resp: 13800

Ion Ratio Lower Upper

152 100

151 18.6 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.168 min Scan# 1171

Delta R.T. -0.011 min

Lab File: BN021687.D

Acq: 10 Sep 2022 07:54

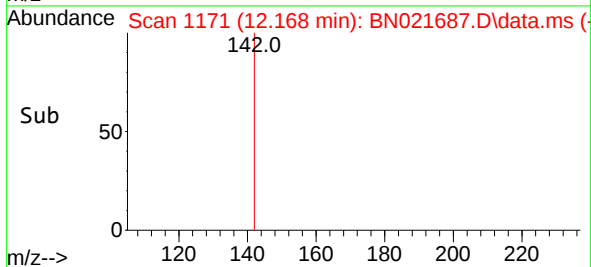
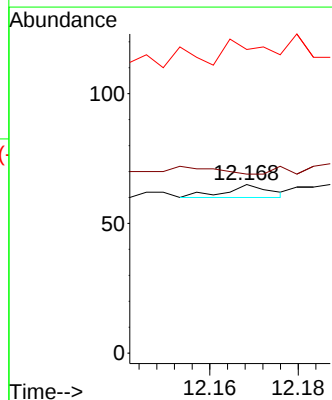
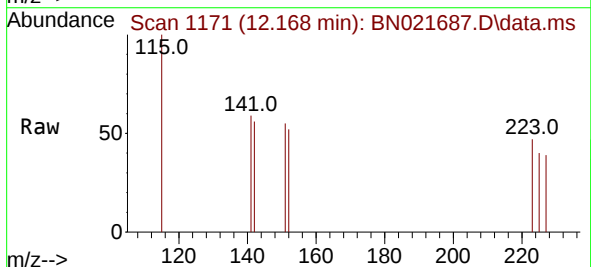
Tgt Ion:142 Resp: 3

Ion Ratio Lower Upper

142 100

141 106.2 12.2 18.2#

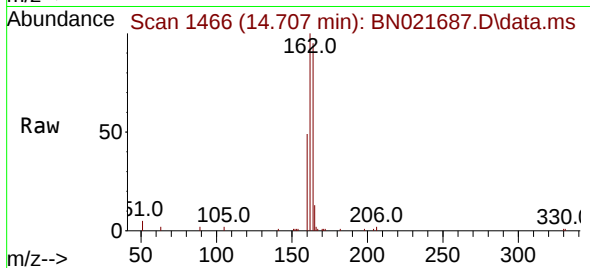
115 180.0 7.9 11.9#



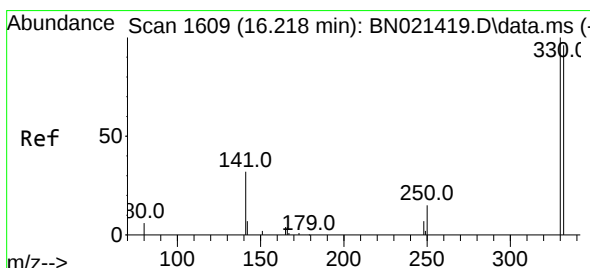
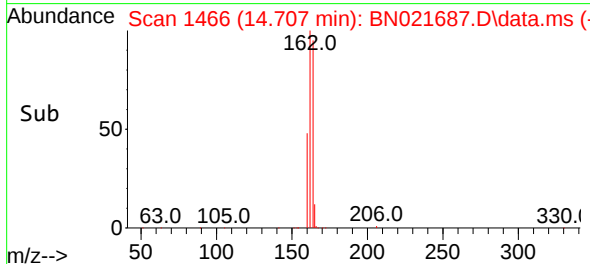
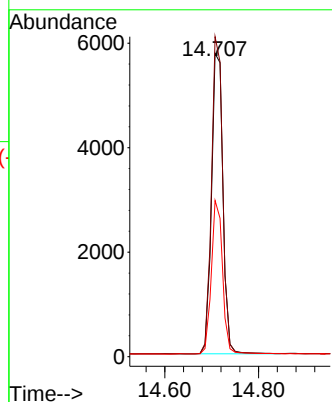


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

Instrument :
BNA_N
ClientSampleId :
EB02-090122

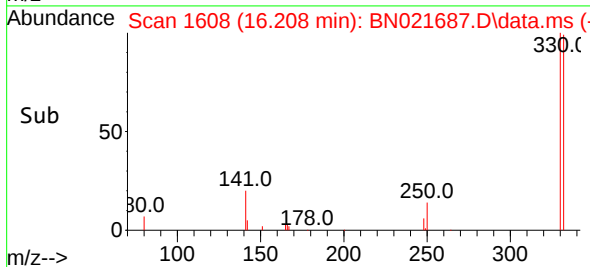
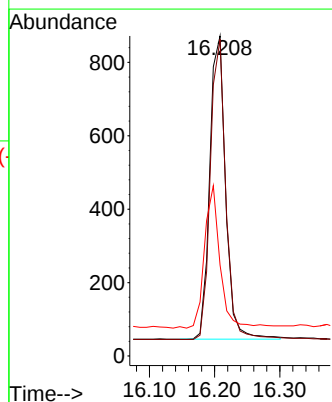
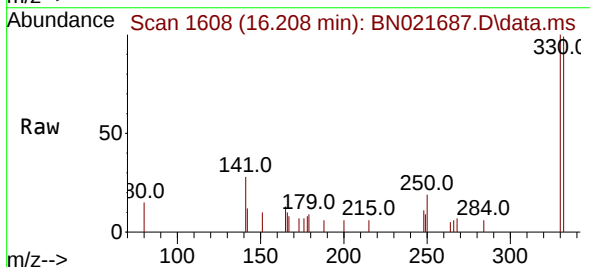


Tgt Ion:164 Resp: 9746
Ion Ratio Lower Upper
164 100
162 105.6 82.2 123.4
160 51.5 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

Tgt Ion:330 Resp: 1395
Ion Ratio Lower Upper
330 100
332 96.6 79.3 118.9
141 46.5 37.1 55.7

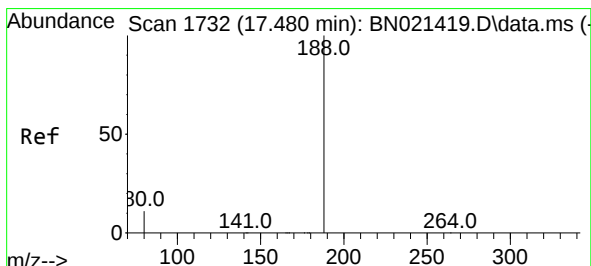
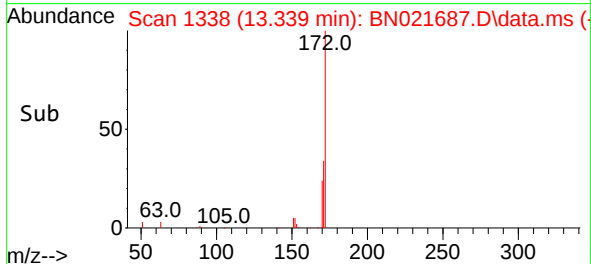
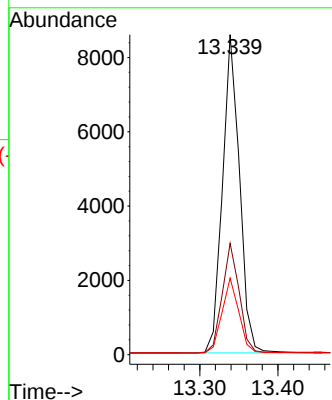
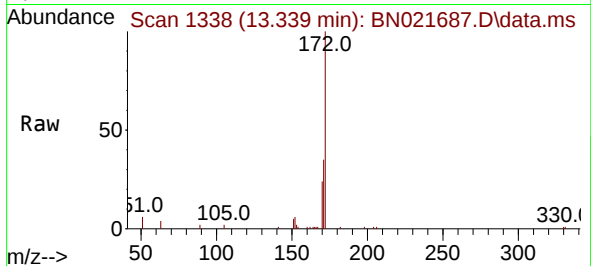




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

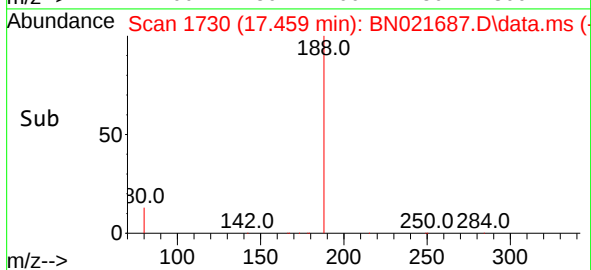
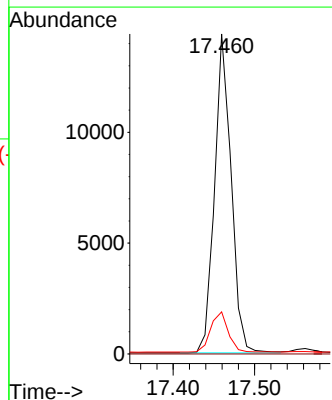
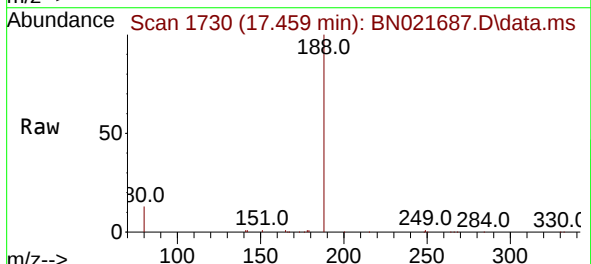
Instrument :
BNA_N
ClientSampleId :
EB02-090122

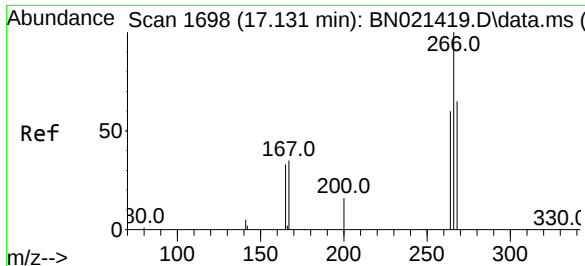
Tgt Ion:172 Resp: 12920
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.9 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

Tgt Ion:188 Resp: 20388
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 9.5 14.3

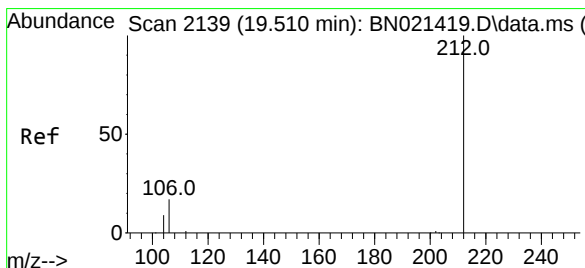
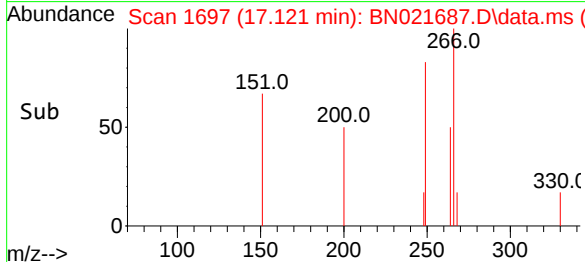
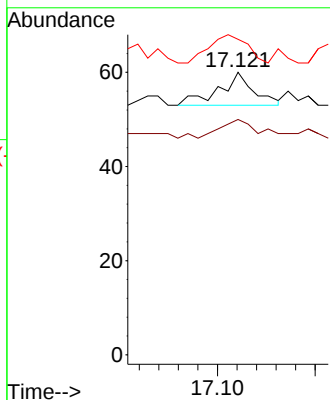
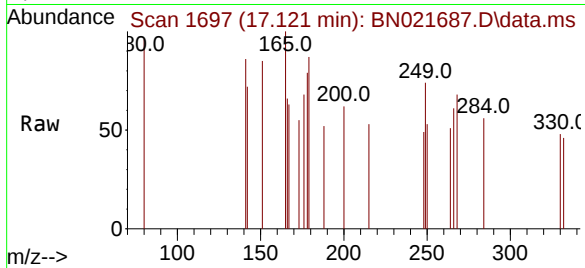




#24
 Pentachlorophenol
 Concen: 0.206 ng
 RT: 17.121 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN021687.D
 Acq: 10 Sep 2022 07:54

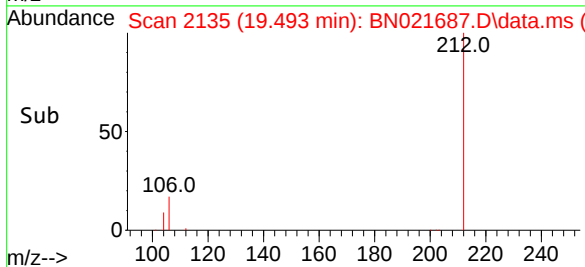
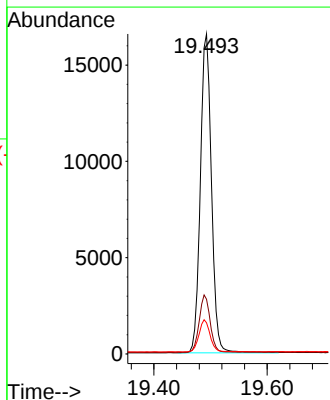
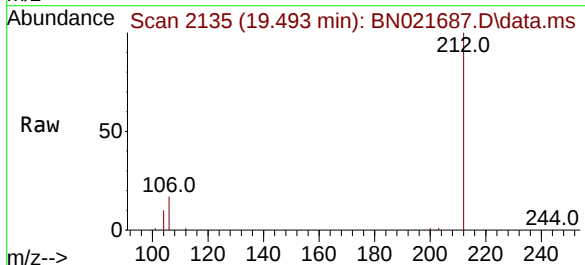
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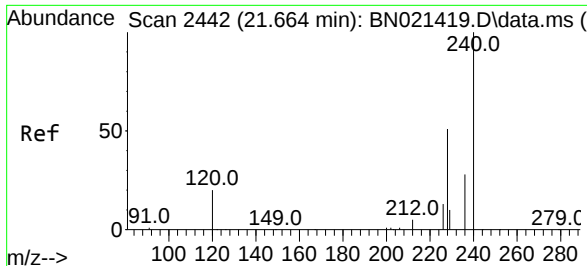
Tgt Ion:266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 70.6 49.0 73.6
 268 94.1 50.9 76.3#



#27
 Fluoranthene-d10
 Concen: 0.429 ng
 RT: 19.493 min Scan# 2135
 Delta R.T. -0.004 min
 Lab File: BN021687.D
 Acq: 10 Sep 2022 07:54

Tgt Ion:212 Resp: 22512
 Ion Ratio Lower Upper
 212 100
 106 17.9 14.2 21.2
 104 10.1 7.8 11.6

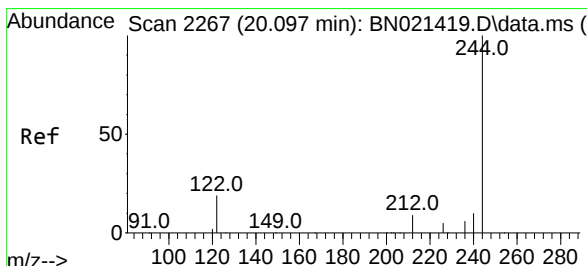
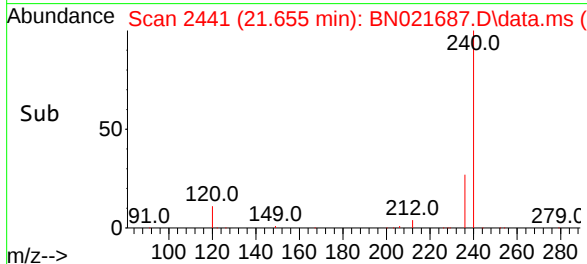
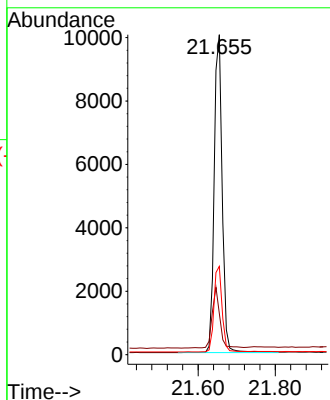
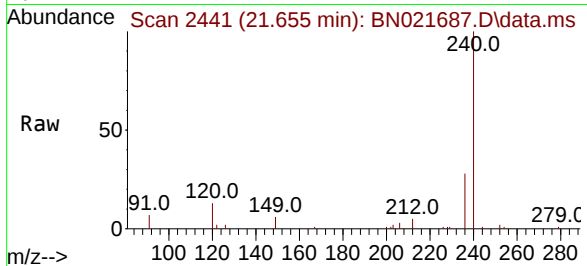




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

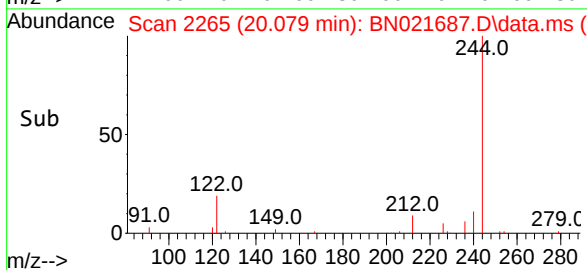
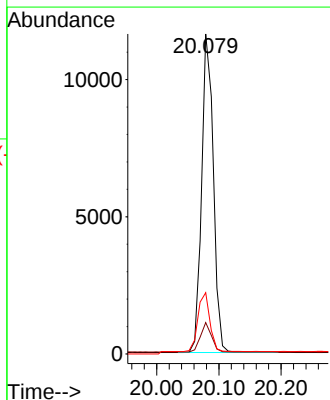
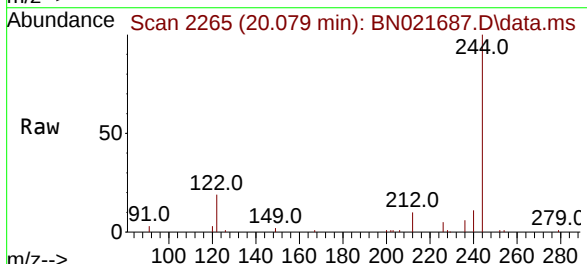
Instrument :
BNA_N
ClientSampleId :
EB02-090122

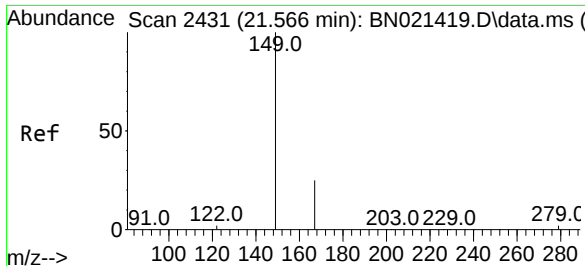
Tgt Ion:240 Resp: 14502
Ion Ratio Lower Upper
240 100
120 12.9 10.2 15.4
236 27.6 22.1 33.1



#31
Terphenyl-d14
Concen: 0.465 ng
RT: 20.079 min Scan# 2265
Delta R.T. -0.009 min
Lab File: BN021687.D
Acq: 10 Sep 2022 07:54

Tgt Ion:244 Resp: 15151
Ion Ratio Lower Upper
244 100
212 9.8 6.5 9.7#
122 19.2 9.1 13.7#

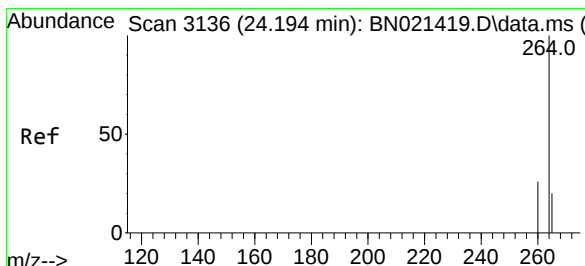
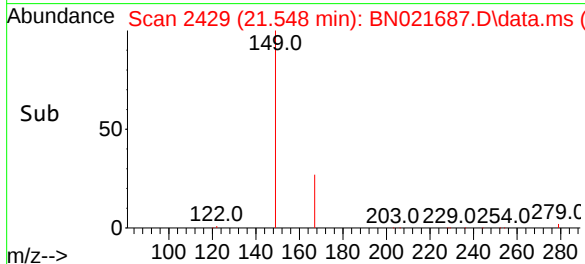
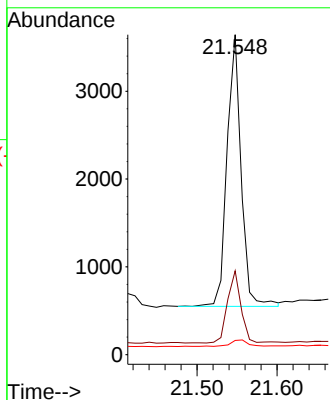
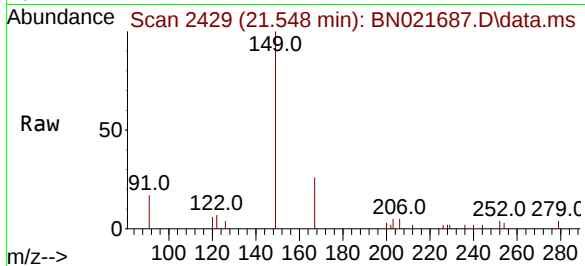




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.186 ng
 RT: 21.548 min Scan# 2429
 Delta R.T. 0.000 min
 Lab File: BN021687.D
 Acq: 10 Sep 2022 07:54

Instrument :
 BNA_N
 ClientSampleId :
 EB02-090122

Tgt Ion:149 Resp: 3785
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.4 32.0
 279 3.1 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.165 min Scan# 3126
 Delta R.T. -0.009 min
 Lab File: BN021687.D
 Acq: 10 Sep 2022 07:54

Tgt Ion:264 Resp: 10522
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.0 31.6
 265 47.9 32.2 48.2

