

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021744.D
 Acq On : 14 Sep 2022 13:10
 Operator : CG/JU
 Sample : N4549-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB090722

Quant Time: Sep 15 02:09:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

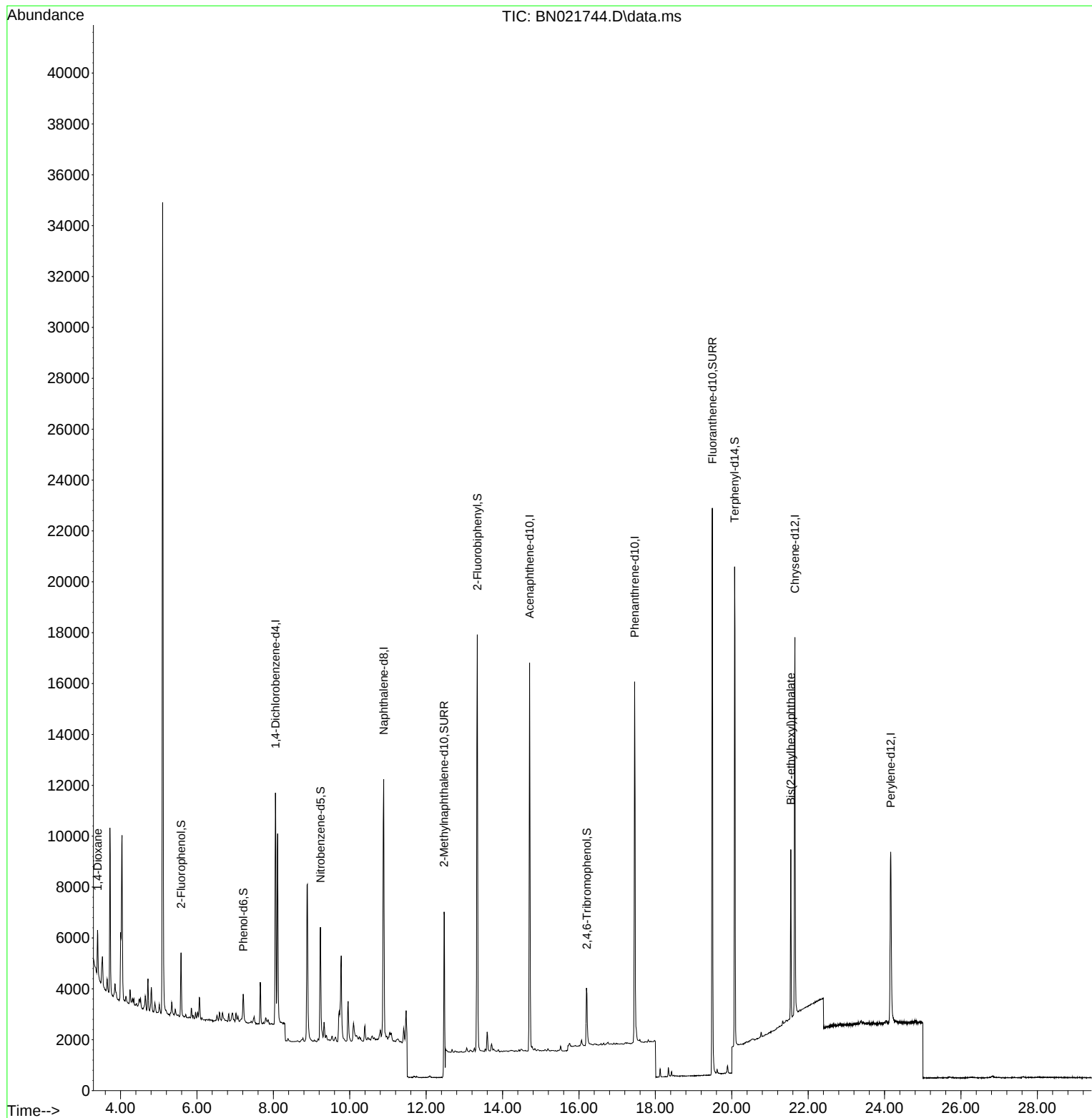
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	4667	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	14453	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	8506	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	19717	0.400	ng	0.00
29) Chrysene-d12	21.652	240	14062	0.400	ng	0.00
35) Perylene-d12	24.161	264	10840	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1869	0.153	ng	0.00
5) Phenol-d6	7.217	99	1318	0.085	ng	0.00
8) Nitrobenzene-d5	9.233	82	4220	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.471	152	14357	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.209	330	1515	0.390	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	14687	0.423	ng	0.00
27) Fluoranthene-d10	19.490	212	24319	0.458	ng	0.00
31) Terphenyl-d14	20.076	244	17373	0.540	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	888	0.147	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.544	149	6028	0.167	ng	# 100

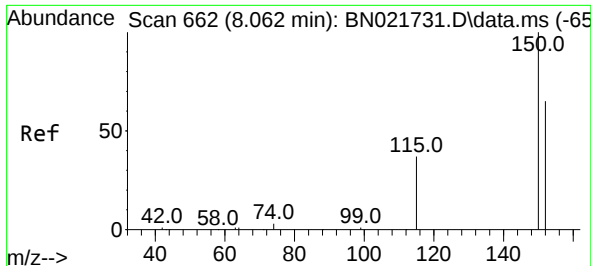
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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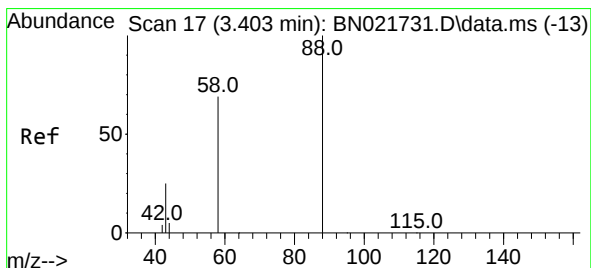
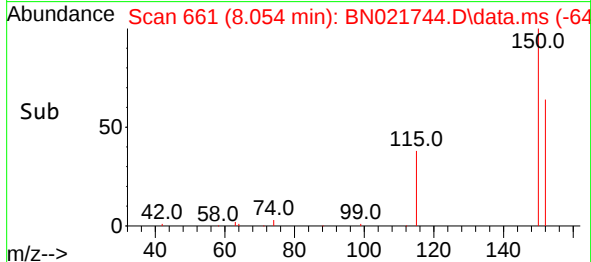
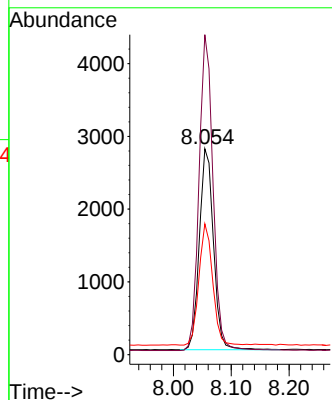
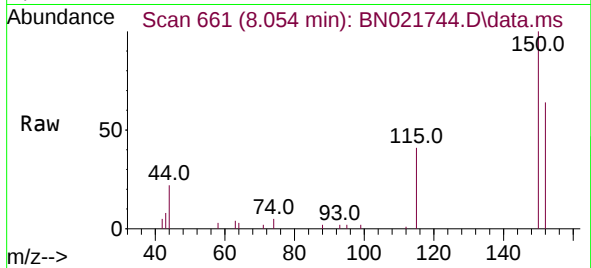




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 662
 Delta R.T. -0.008 min
 Lab File: BN021744.D
 Acq: 14 Sep 2022 13:10

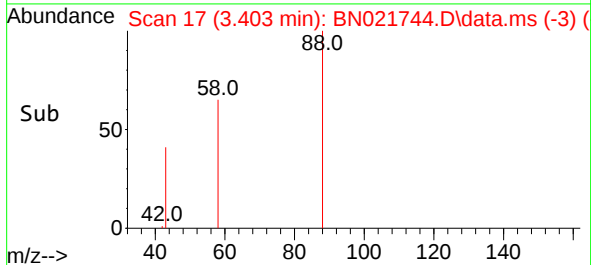
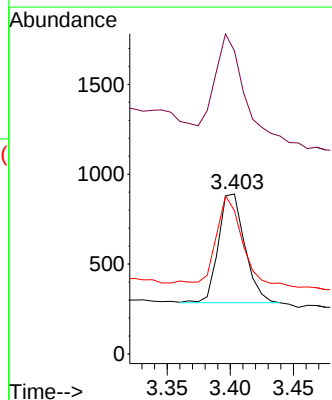
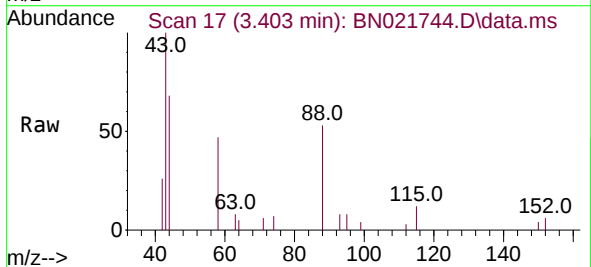
Instrument :
 BNA_N
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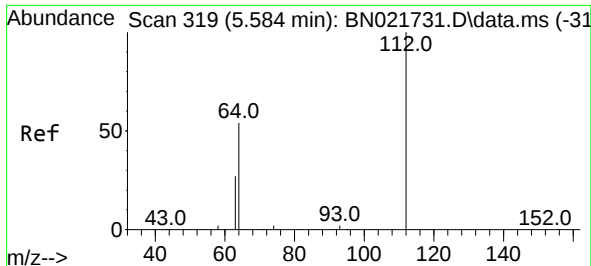
Tgt Ion:152 Resp: 4667
 Ion Ratio Lower Upper
 152 100
 150 155.4 121.8 182.8
 115 63.6 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.147 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021744.D
 Acq: 14 Sep 2022 13:10

Tgt Ion: 88 Resp: 888
 Ion Ratio Lower Upper
 88 100
 43 94.5 24.2 36.2#
 58 74.3 60.2 90.4

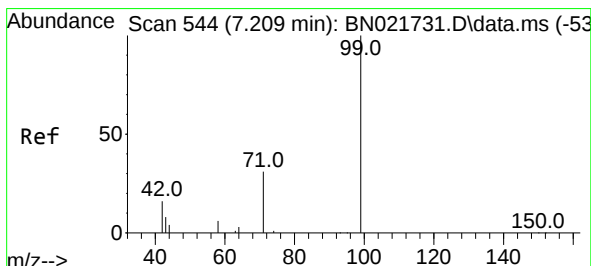
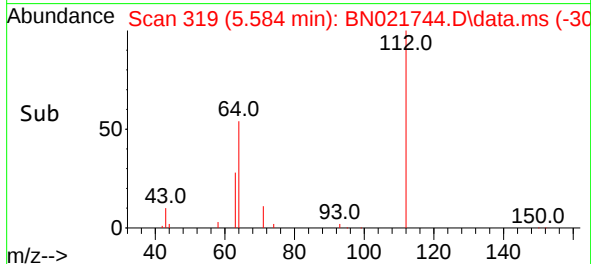
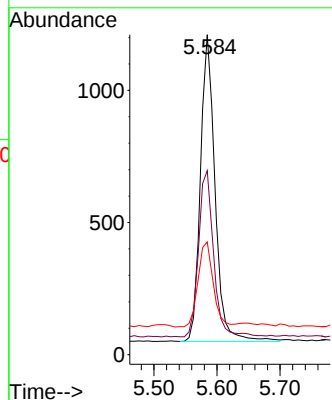
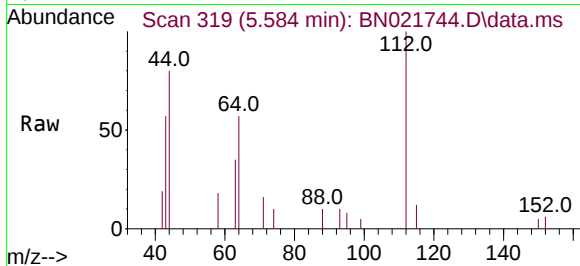




#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

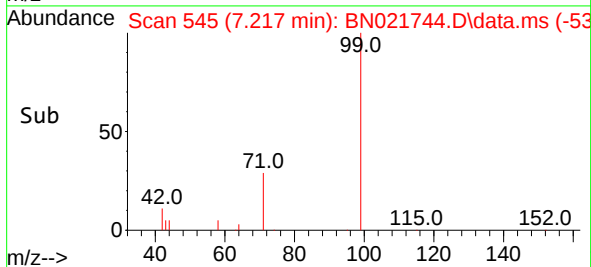
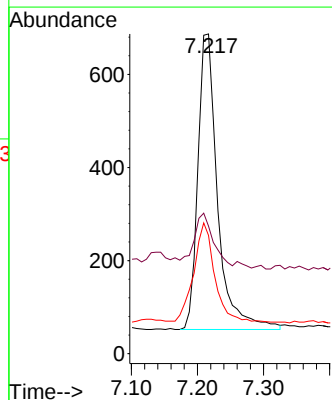
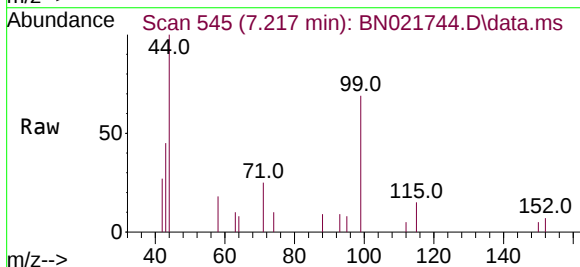
Instrument :
BNA_N
ClientSampleId :
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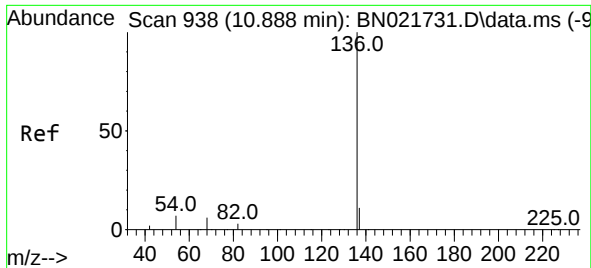
Tgt Ion: 112 Resp: 1869
Ion Ratio Lower Upper
112 100
64 55.8 45.4 68.2
63 28.8 23.3 34.9



#5
Phenol-d6
Concen: 0.085 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

Tgt Ion: 99 Resp: 1318
Ion Ratio Lower Upper
99 100
42 16.6 15.1 22.7
71 35.6 25.3 37.9

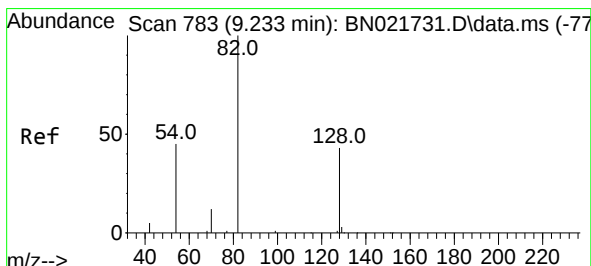
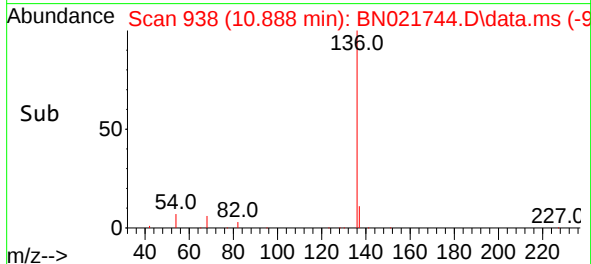
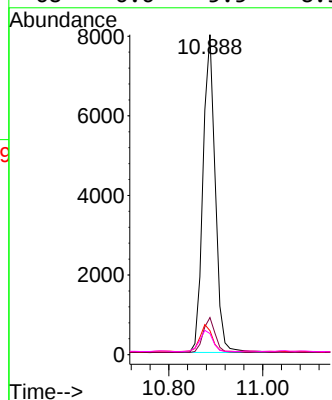
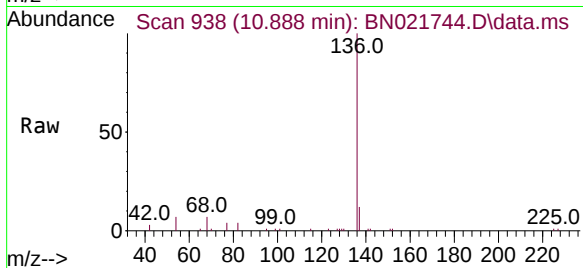




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

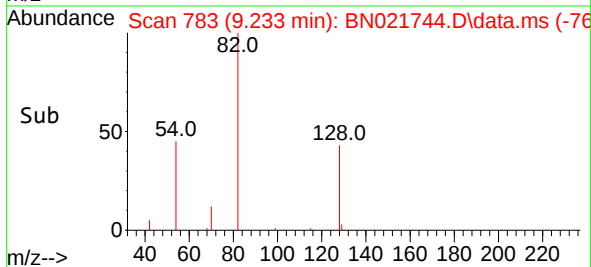
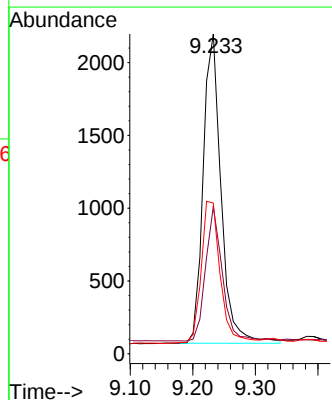
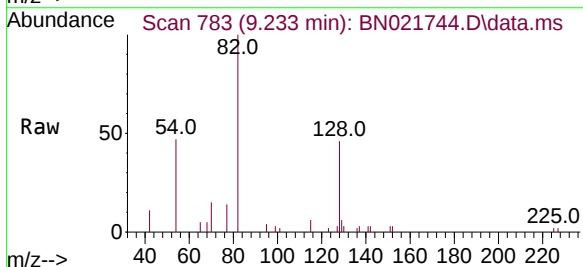
Instrument :
BNA_N
ClientSampleId :
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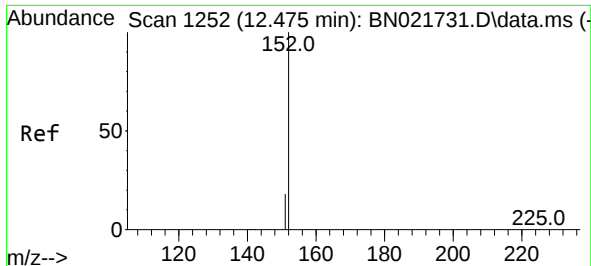
Tgt Ion:136	Resp:	14453
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	7.5	6.4 9.6
68	6.6	5.5 8.3



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

Tgt Ion: 82	Resp:	4220
Ion Ratio	Lower	Upper
82	100	
128	46.0	35.6 53.4
54	47.1	37.8 56.8

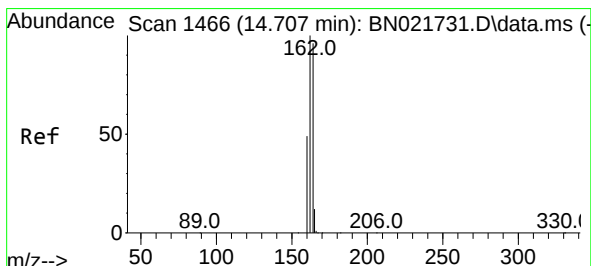
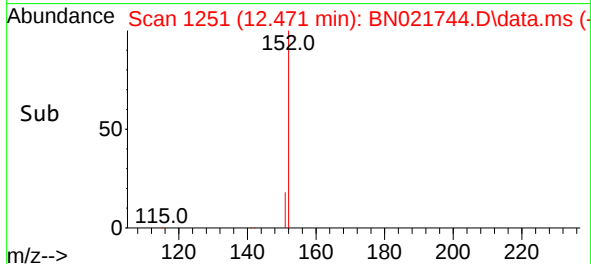
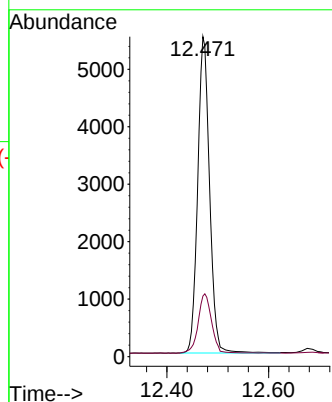
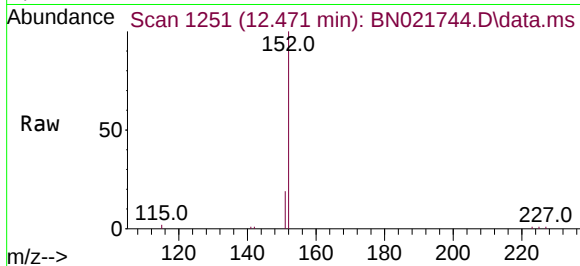




#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.471 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

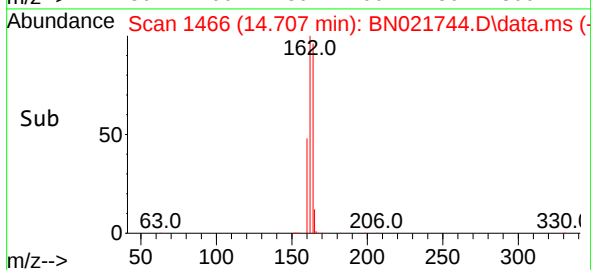
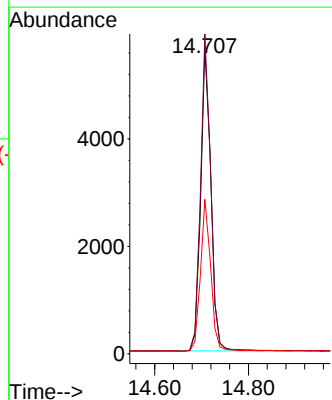
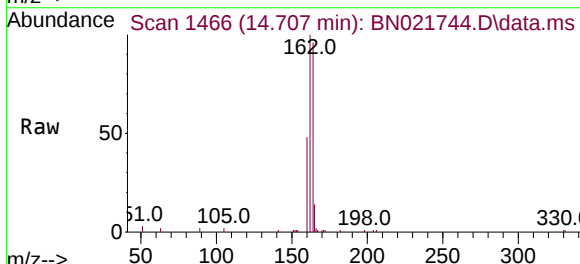
Instrument :
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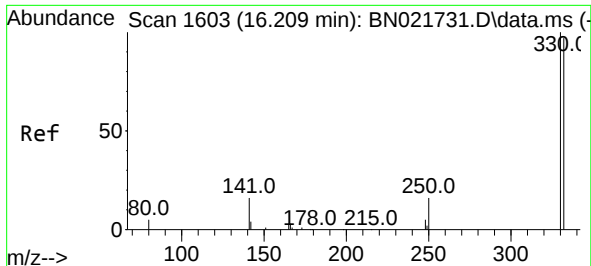
Tgt Ion:152 Resp: 14357
Ion Ratio Lower Upper
152 100
151 18.5 15.6 23.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

Tgt Ion:164 Resp: 8506
Ion Ratio Lower Upper
164 100
162 104.4 83.2 124.8
160 50.4 40.9 61.3

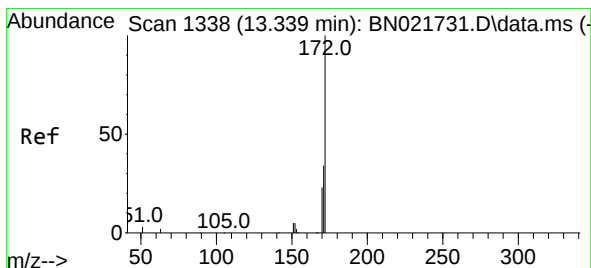
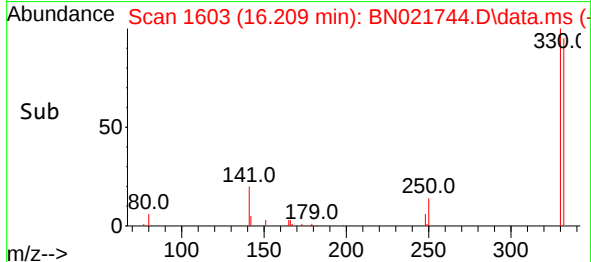
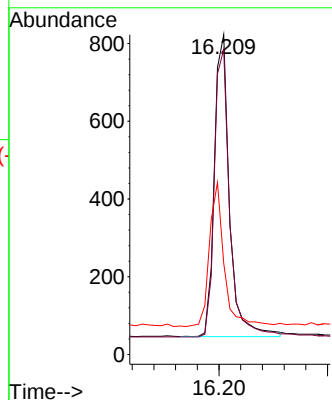
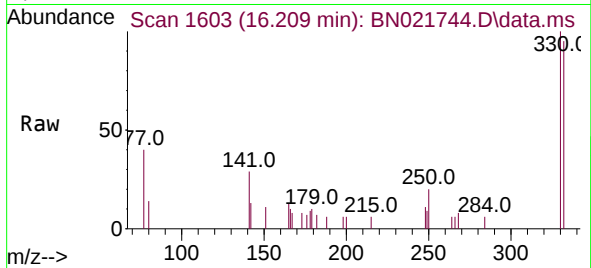




#14
 2,4,6-Tribromophenol
 Concen: 0.390 ng
 RT: 16.209 min Scan# 1603
 Delta R.T. -0.000 min
 Lab File: BN021744.D
 Acq: 14 Sep 2022 13:10

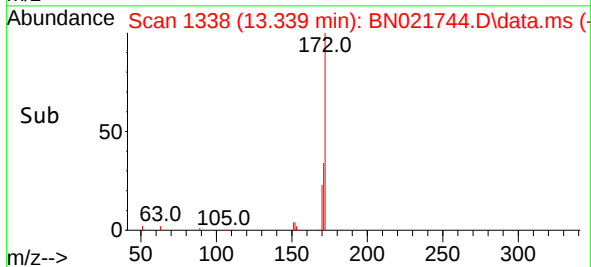
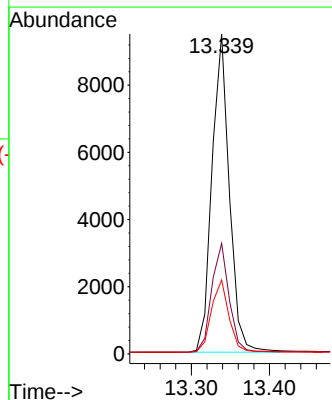
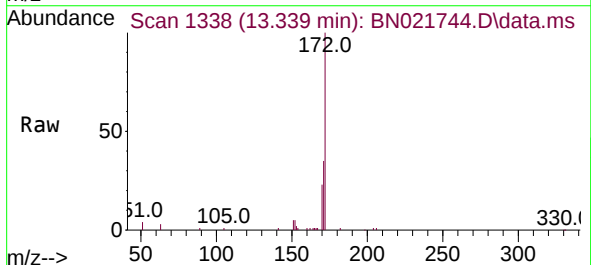
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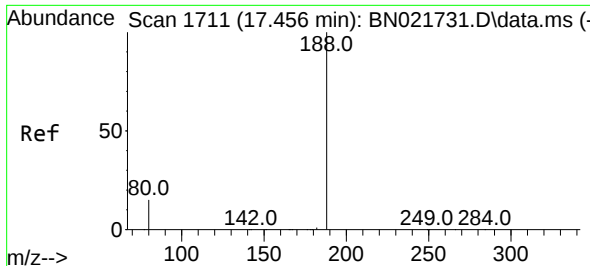
Tgt Ion:	330	Resp:	1515
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.8	115.2
141	46.1	37.2	55.8



#15
 2-Fluorobiphenyl
 Concen: 0.423 ng
 RT: 13.339 min Scan# 1338
 Delta R.T. -0.000 min
 Lab File: BN021744.D
 Acq: 14 Sep 2022 13:10

Tgt Ion:	172	Resp:	14687
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.7	41.5
170	23.1	18.8	28.2

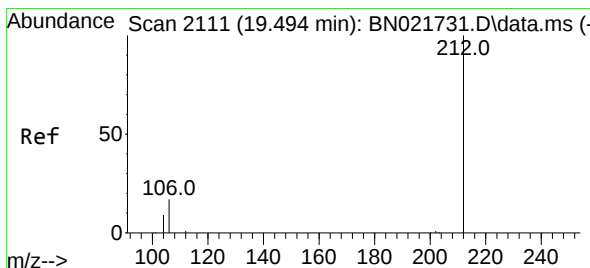
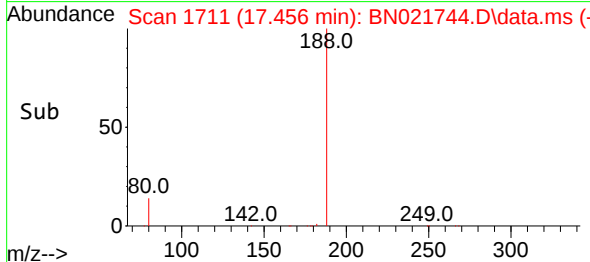
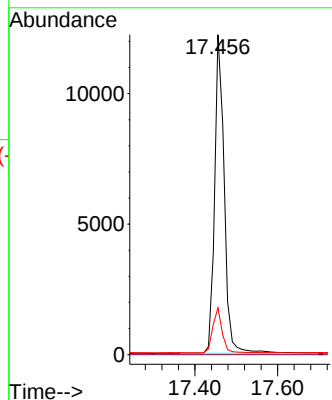
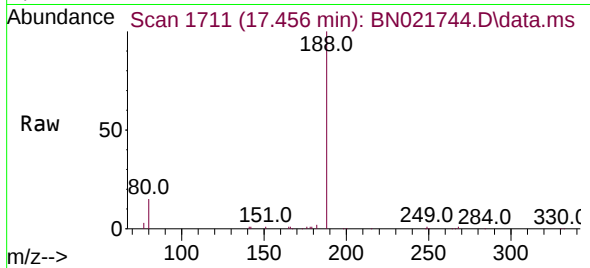




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

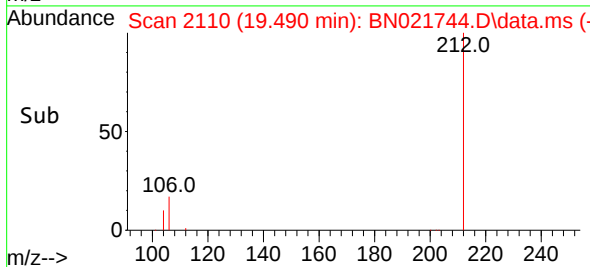
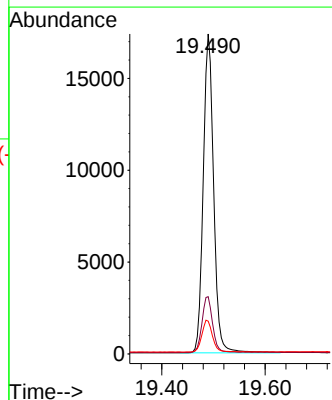
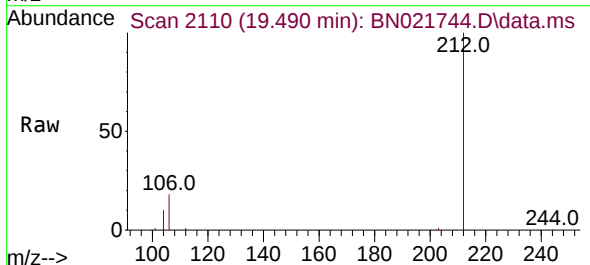
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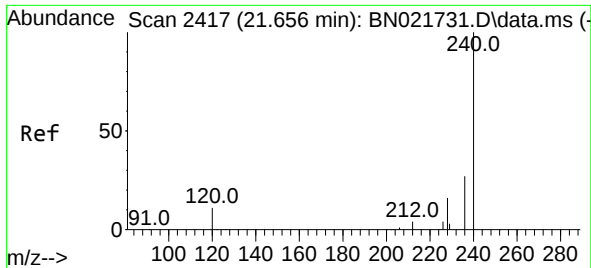
Tgt Ion:188 Resp: 19717
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 12.6 19.0



#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

Tgt Ion:212 Resp: 24319
Ion Ratio Lower Upper
212 100
106 17.9 14.3 21.5
104 10.1 8.0 12.0

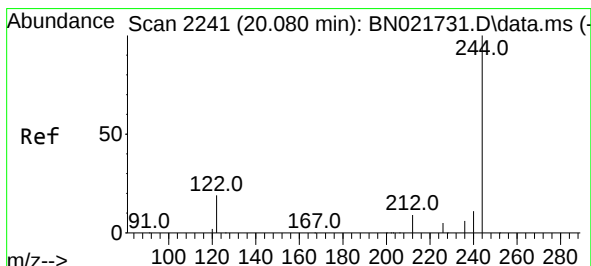
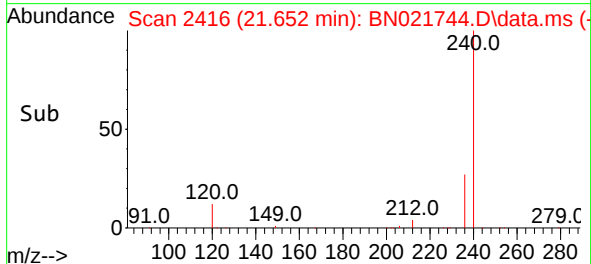
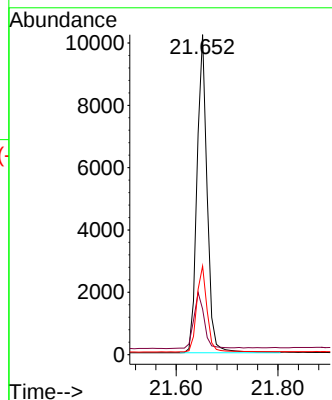
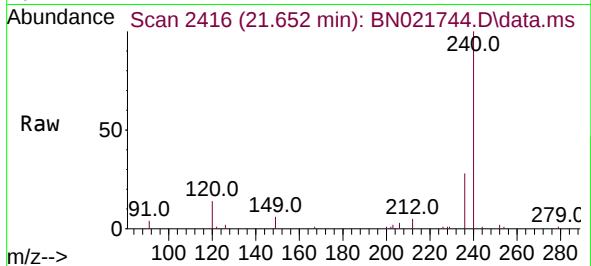




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.652 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

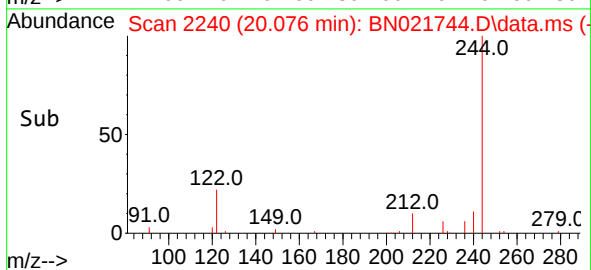
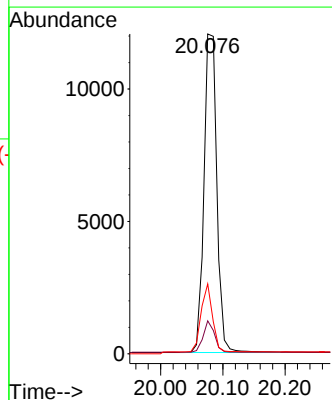
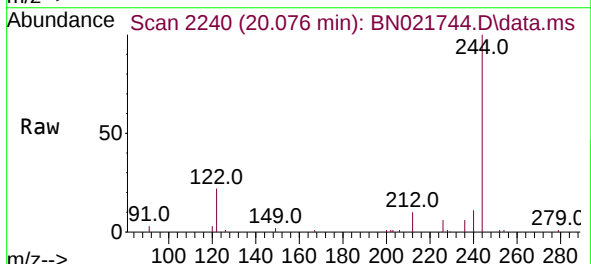
Instrument :
BNA_N
ClientSampleId :
FB090722

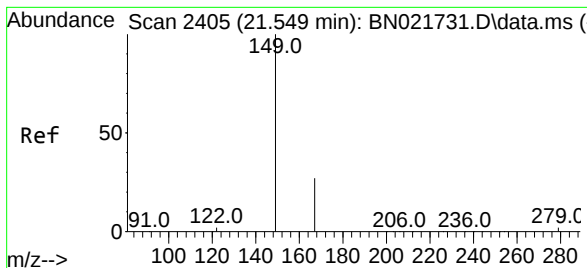
Tgt Ion:240 Resp: 14062
Ion Ratio Lower Upper
240 100
120 14.2 9.8 14.8
236 27.7 22.2 33.4



#31
Terphenyl-d14
Concen: 0.540 ng
RT: 20.076 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BN021744.D
Acq: 14 Sep 2022 13:10

Tgt Ion:244 Resp: 17373
Ion Ratio Lower Upper
244 100
212 10.3 7.9 11.9
122 21.9 15.8 23.8

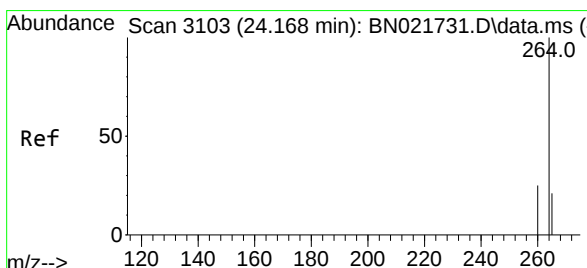
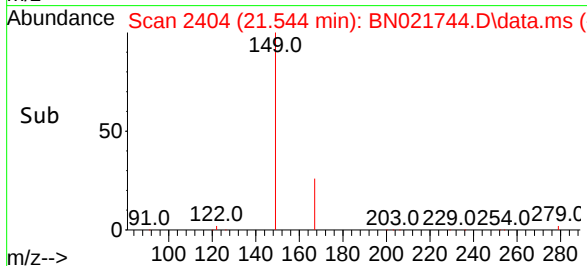
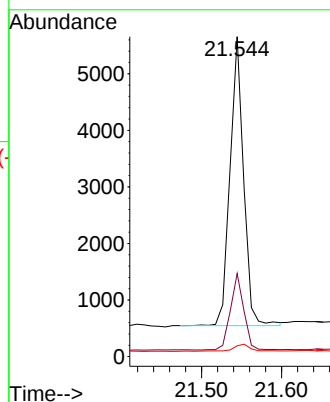
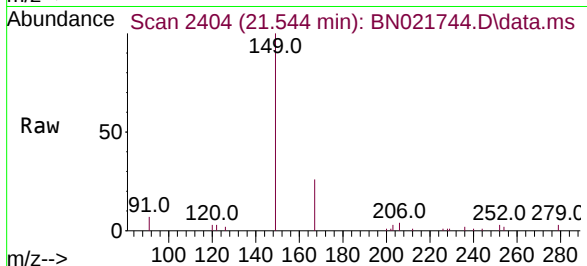




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.167 ng
 RT: 21.544 min Scan# 2404
 Delta R.T. -0.004 min
 Lab File: BN021744.D
 Acq: 14 Sep 2022 13:10

Instrument :
 BNA_N
 ClientSampleId :
 FB090722

Tgt Ion:149 Resp: 6028
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.8 31.2
 279 3.4 2.1 3.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.161 min Scan# 3101
 Delta R.T. -0.007 min
 Lab File: BN021744.D
 Acq: 14 Sep 2022 13:10

Tgt Ion:264 Resp: 10840
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.6 31.0
 265 51.5 34.4 51.6

