

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102121\
 Data File : BN017020.D
 Acq On : 20 Oct 2021 15:00
 Operator : CG/JU
 Sample : PB140014BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140014BL

Quant Time: Oct 20 15:30:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 15:04:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	20346	0.40	ng	0.00
7) Naphthalene-d8	10.370	136	90434	0.40	ng	0.00
13) Acenaphthene-d10	14.232	164	43510	0.40	ng	0.00
19) Phenanthrene-d10	16.983	188	76602	0.40	ng	0.00
29) Chrysene-d12	21.186	240	65325	0.40	ng	0.00
35) Perylene-d12	23.404	264	66993	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.247	112	13639	0.32	ng	0.04
5) Phenol-d6	6.796	99	12472	0.26	ng	0.00
8) Nitrobenzene-d5	8.748	82	16987	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.964	152	41737	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.729	330	2045	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.849	172	55363	0.34	ng	0.00
27) Fluoranthene-d10	19.020	212	63432	0.33	ng	0.00
31) Terphenyl-d14	19.630	244	55770	0.39	ng	0.00

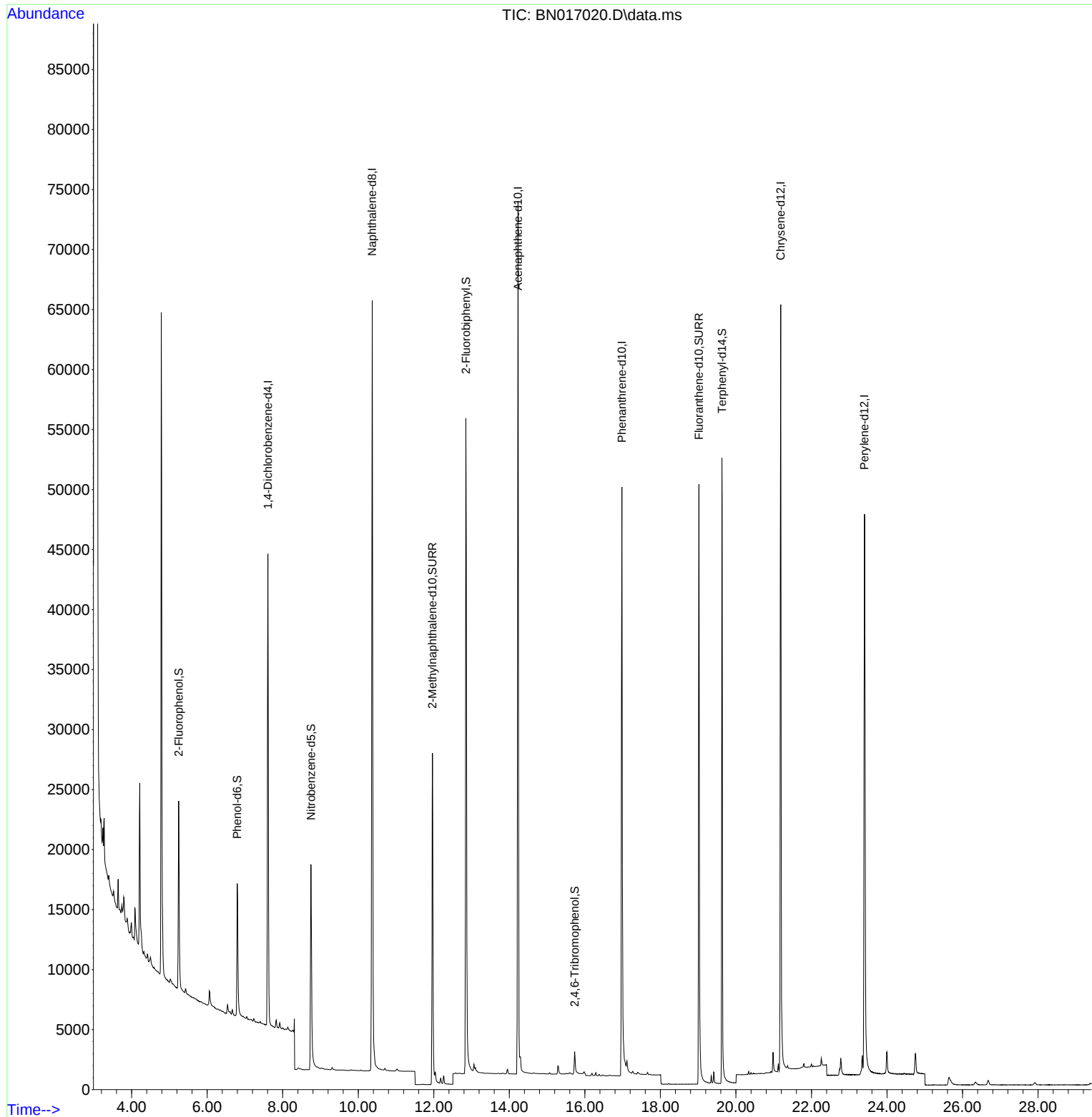
Target Compounds	Qvalue
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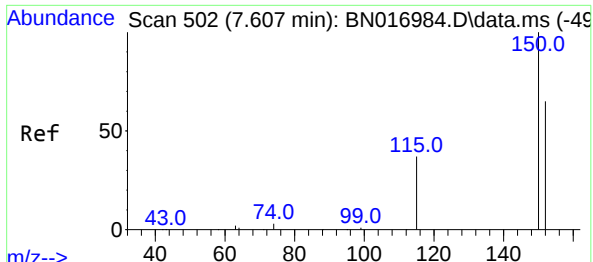
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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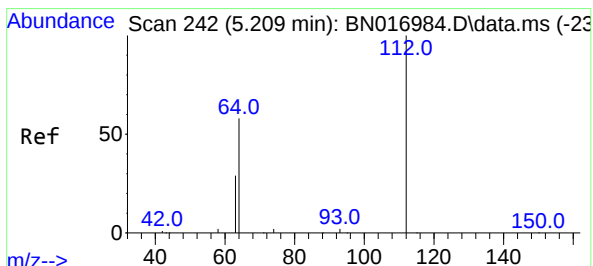
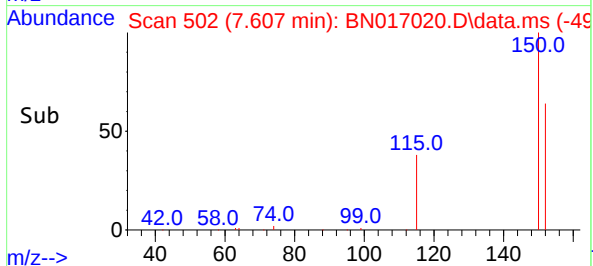
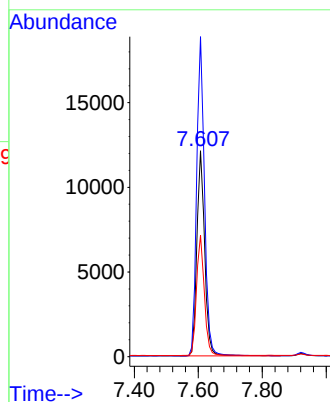
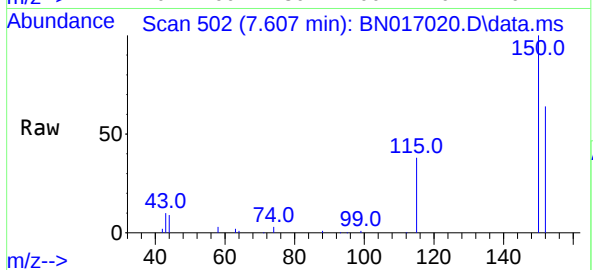




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.607 min Scan# 502
Delta R.T. 0.009 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

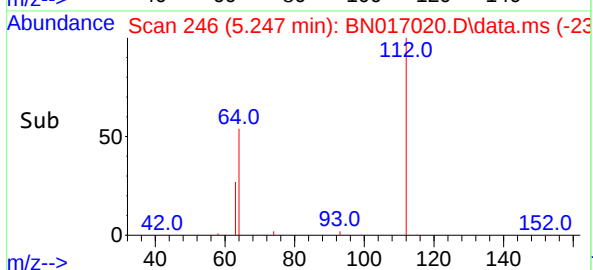
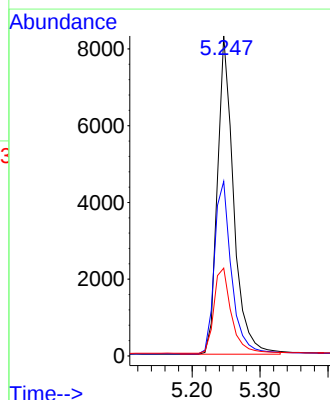
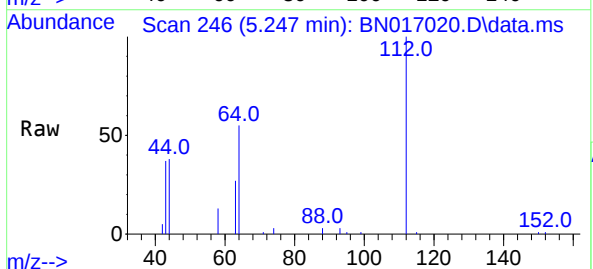
Instrument :
BNA_N
ClientSampleId :
PB140014BL

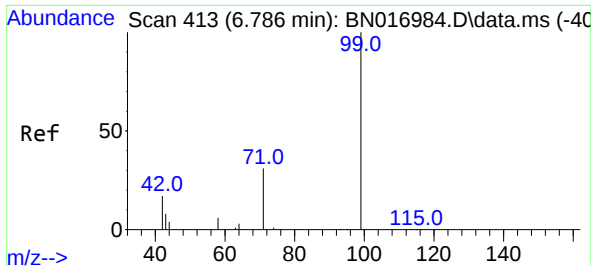
Tgt Ion:152 Resp: 20346
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.4
115 59.0 46.3 69.5



#4
2-Fluorophenol
Concen: 0.32 ng
RT: 5.247 min Scan# 246
Delta R.T. 0.037 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:112 Resp: 13639
Ion Ratio Lower Upper
112 100
64 57.1 45.5 68.3
63 28.9 23.0 34.6

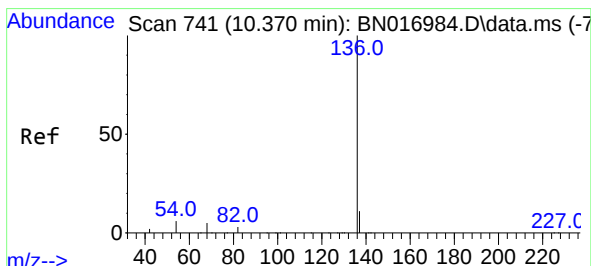
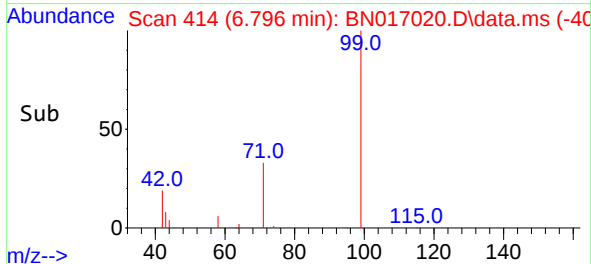
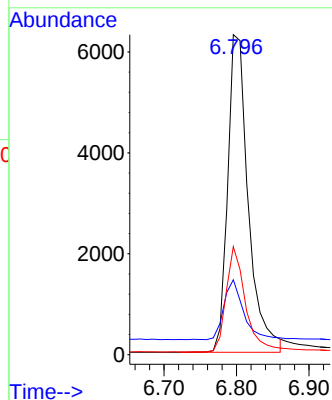
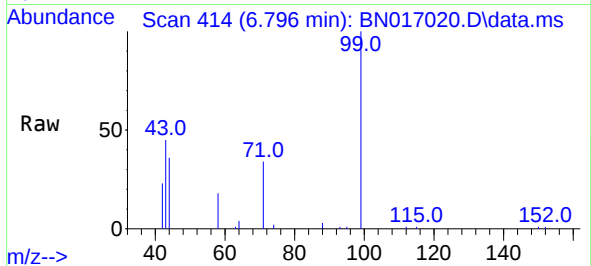




#5
Phenol-d6
Concen: 0.26 ng
RT: 6.796 min Scan# 414
Delta R.T. 0.009 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

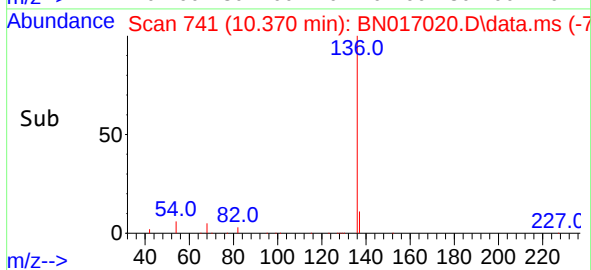
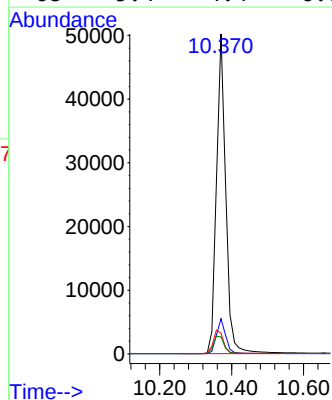
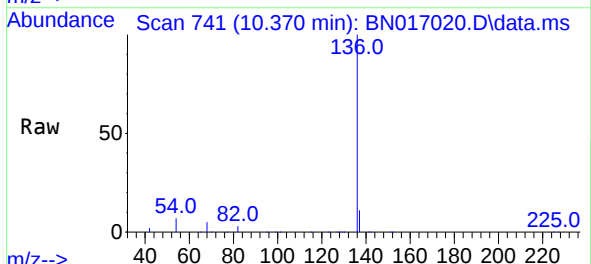
Instrument :
BNA_N
ClientSampleId :
PB140014BL

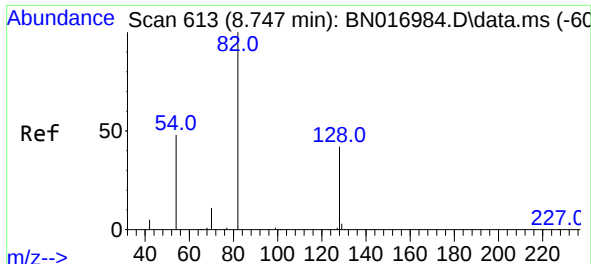
Tgt Ion:	99	Resp:	12472
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	31.2	24.8	37.2



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.370 min Scan# 741
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:	136	Resp:	90434
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.2	7.8
68	5.4	4.4	6.6

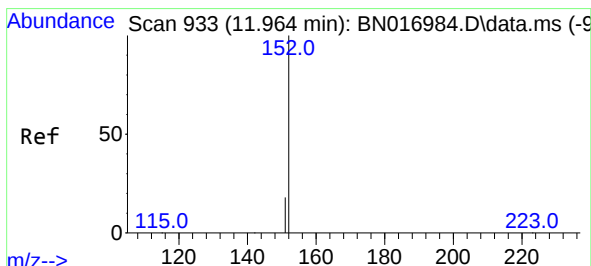
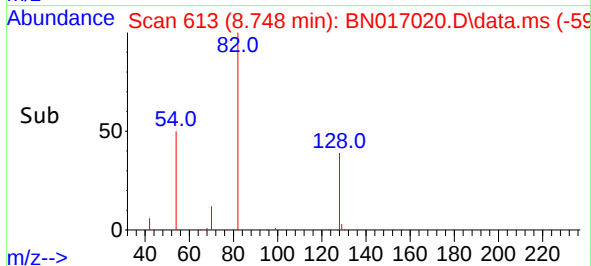
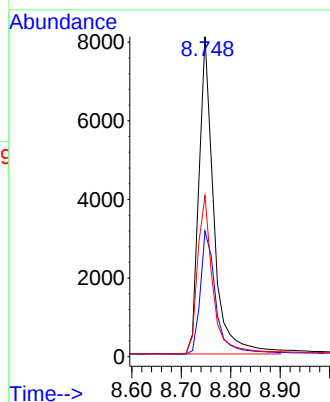
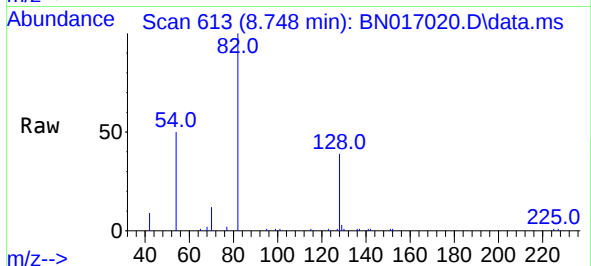




#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.748 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

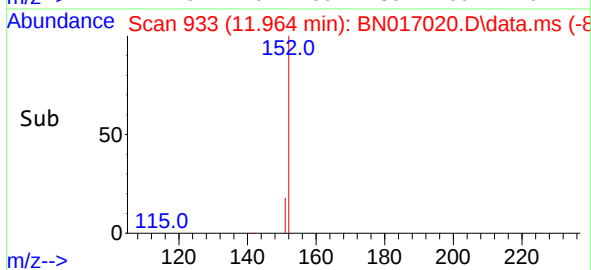
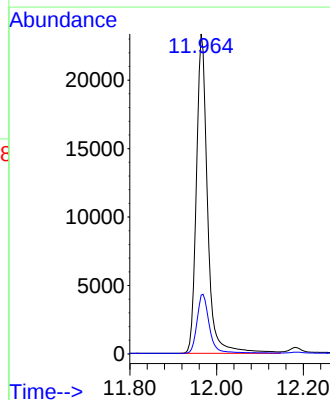
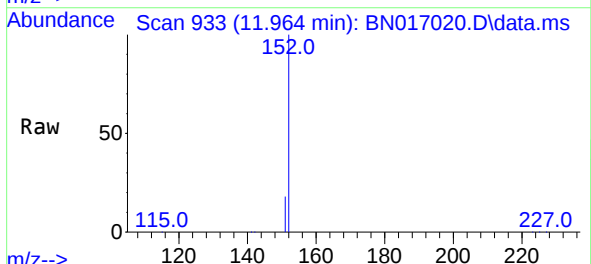
Instrument :
BNA_N
ClientSampleId :
PB140014BL

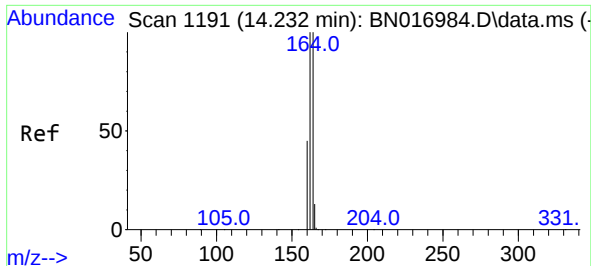
Tgt Ion:	82	Resp:	16987
Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.9	50.9
54	50.4	38.3	57.5



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 11.964 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:	152	Resp:	41737
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5



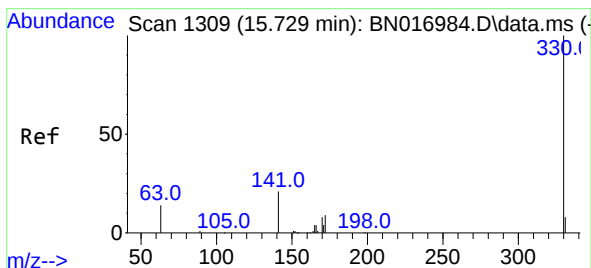
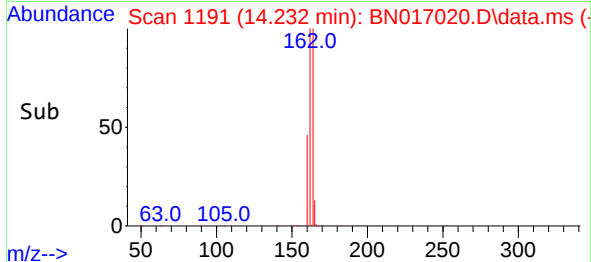
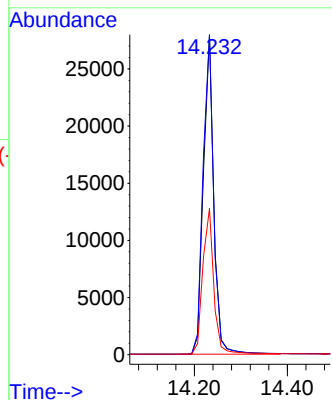
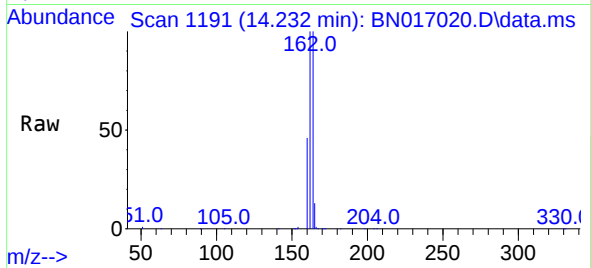


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.232 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Instrument :
BNA_N
ClientSampleId :
PB140014BL

Tgt Ion:164 Resp: 43510

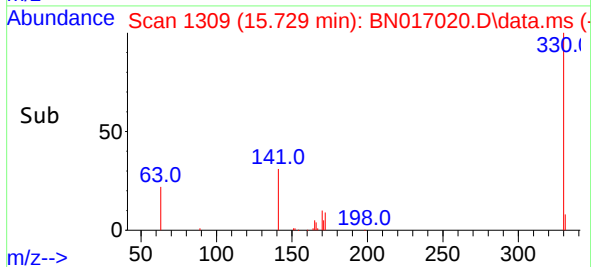
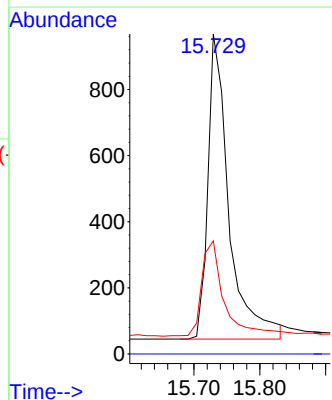
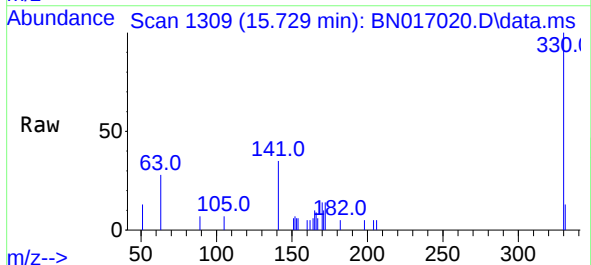
Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	45.7	36.0	54.0

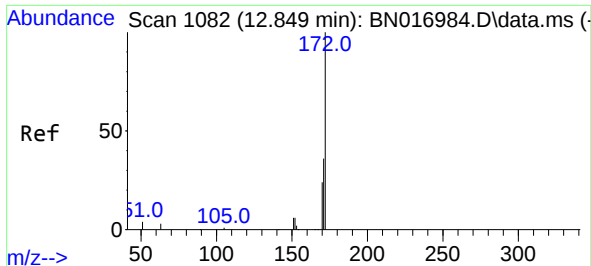


#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.729 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:330 Resp: 2045

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	25.6	38.4

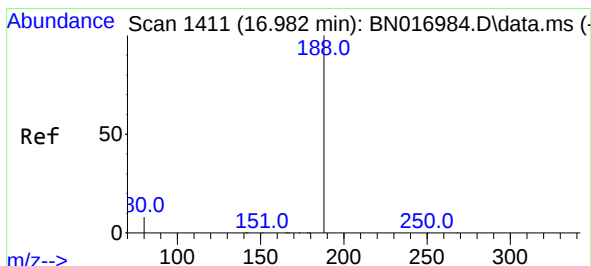
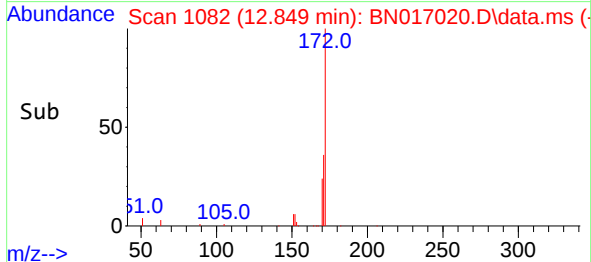
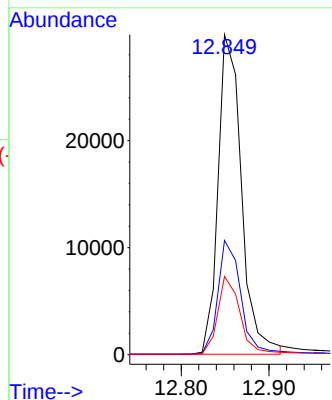
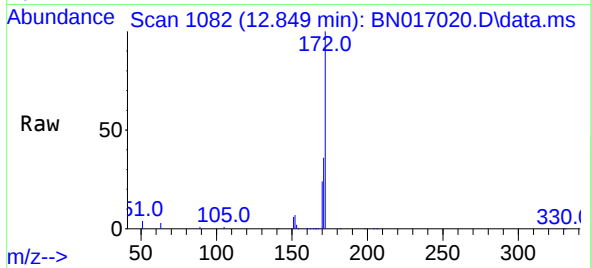




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.849 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

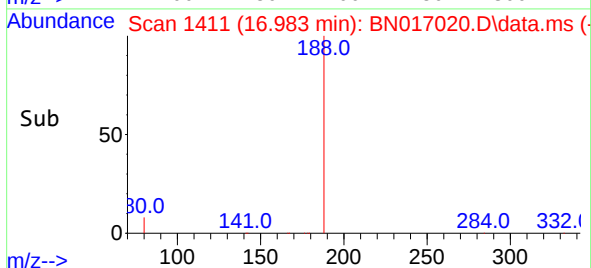
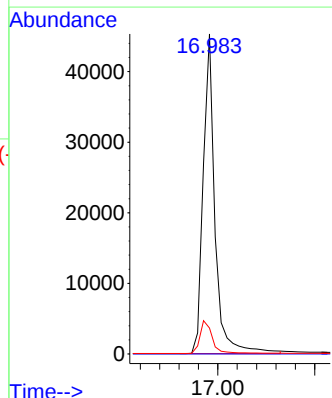
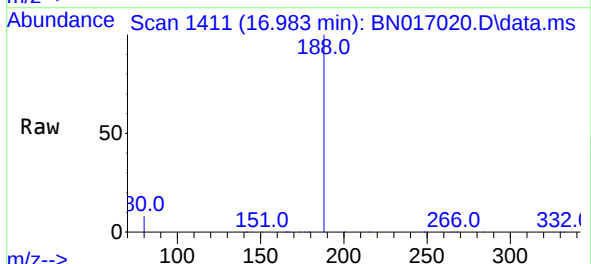
Instrument :
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ClientSampleId :
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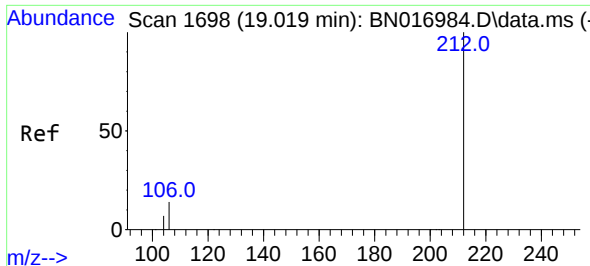
Tgt Ion:172 Resp: 55363
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.4 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.983 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:188 Resp: 76602
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.2 9.4

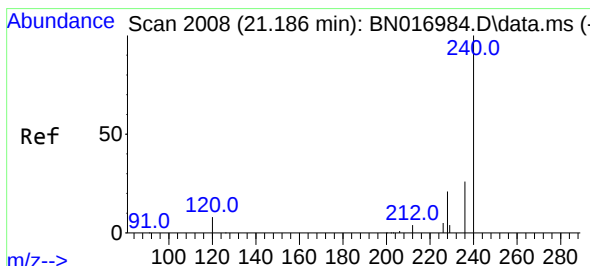
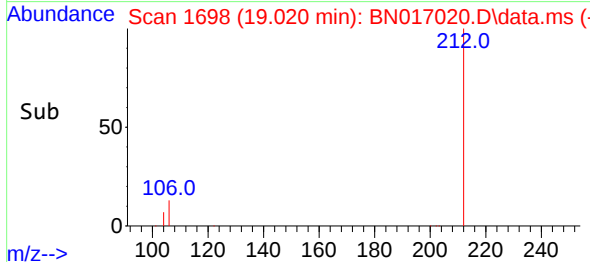
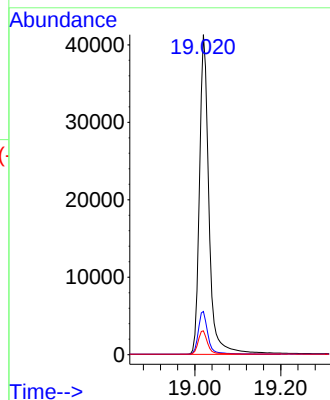
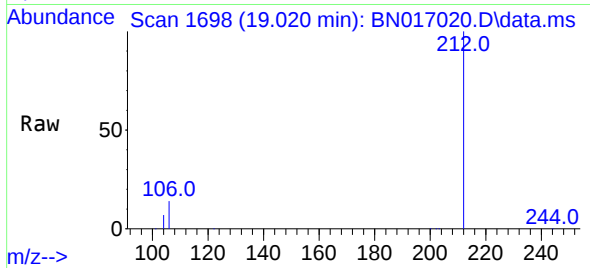




#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.020 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

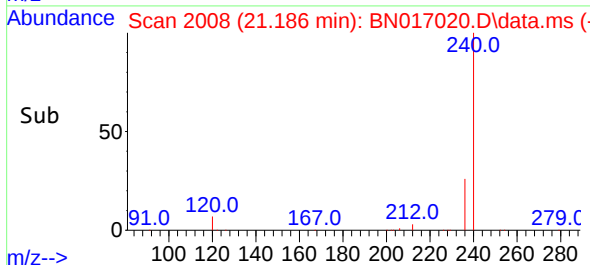
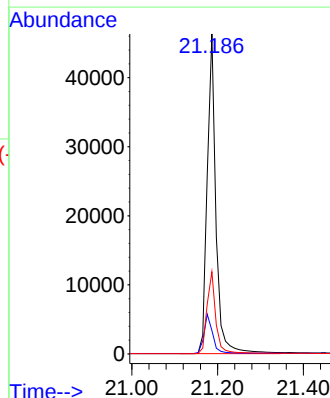
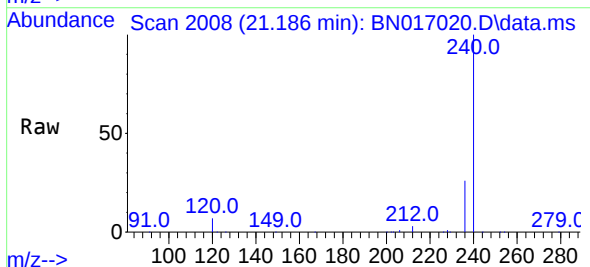
Instrument :
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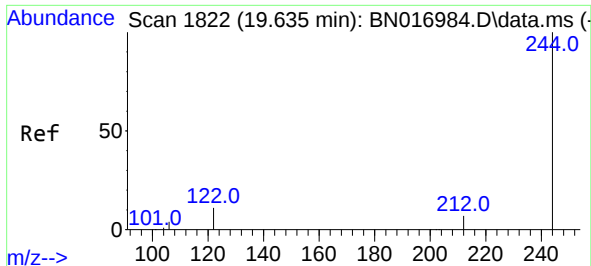
Tgt Ion:212 Resp: 63432
Ion Ratio Lower Upper
212 100
106 13.7 11.0 16.4
104 7.5 6.0 9.0



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.186 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:240 Resp: 65325
Ion Ratio Lower Upper
240 100
120 7.4 6.4 9.6
236 25.7 20.6 31.0

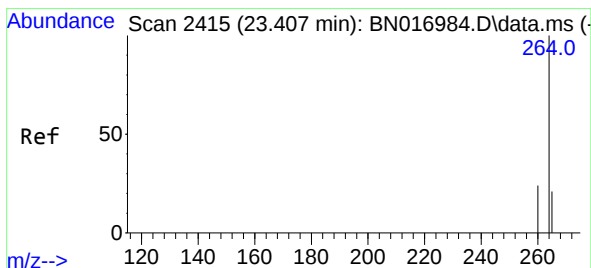
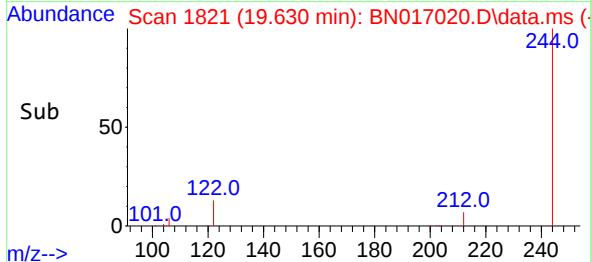
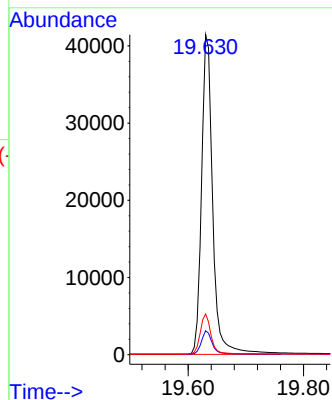
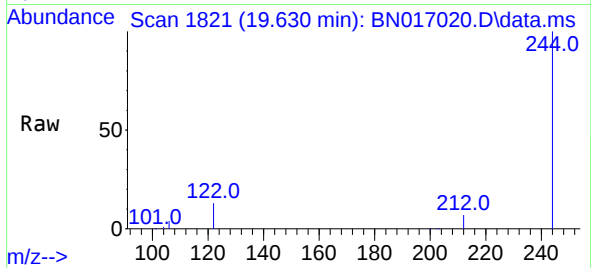




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.630 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Instrument :
BNA_N
ClientSampleId :
PB140014BL

Tgt Ion:244 Resp: 55770
Ion Ratio Lower Upper
244 100
212 7.5 5.6 8.4
122 12.7 9.0 13.6



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.404 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN017020.D
Acq: 20 Oct 2021 15:00

Tgt Ion:264 Resp: 66993
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 22.9 18.3 27.5

