

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016630.D
 Acq On : 01 Oct 2021 10:46
 Operator : CG/JU
 Sample : M3833-17
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20210920

Quant Time: Oct 01 11:15:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

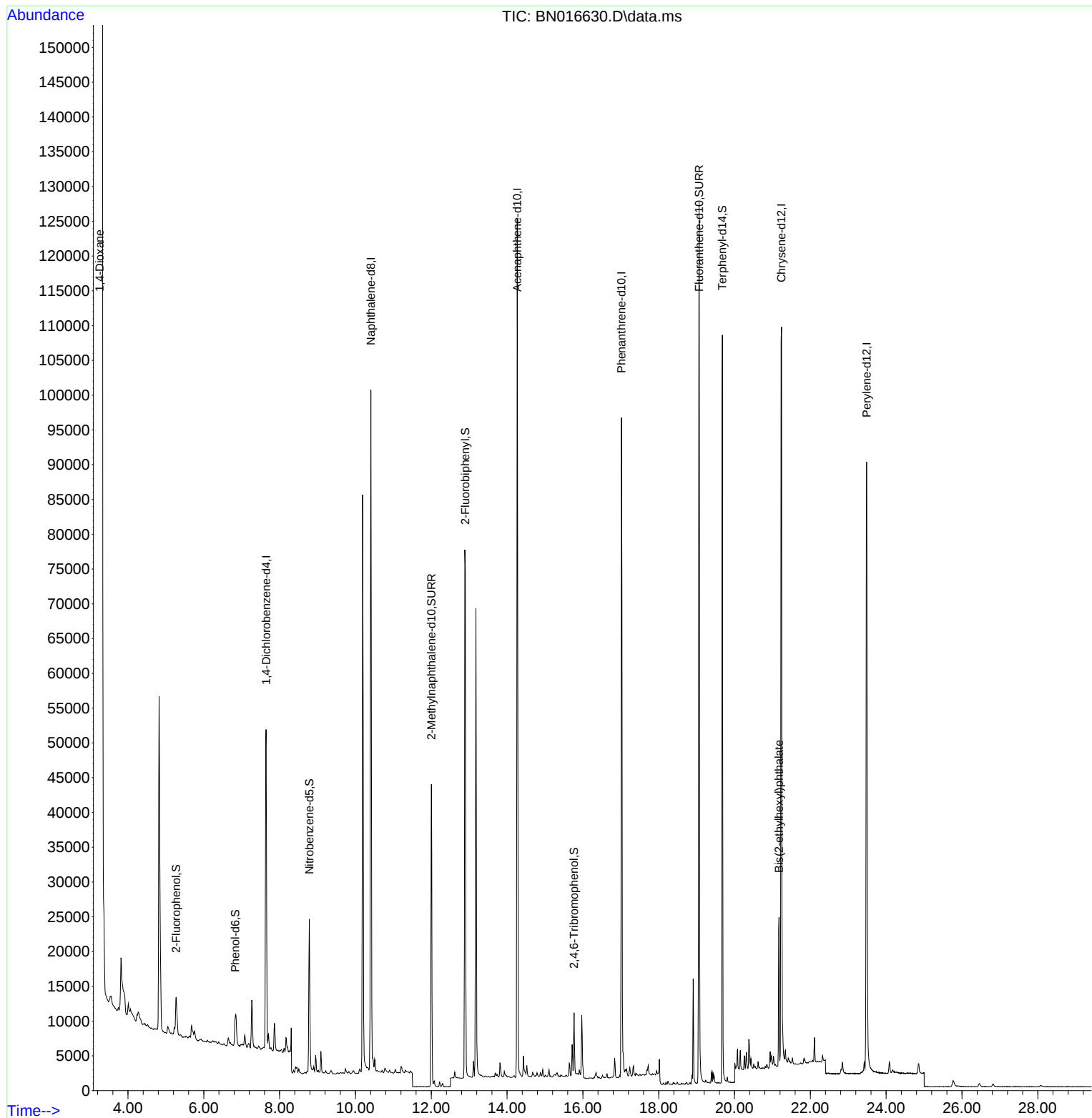
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28524	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	130708	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	68784	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	134206	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	121803	0.40	ng	0.00
35) Perylene-d12	23.484	264	121038	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7629	0.11	ng	0.02
5) Phenol-d6	6.831	99	4330	0.05	ng	0.00
8) Nitrobenzene-d5	8.784	82	20684	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	60404	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	7749	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	77617	0.28	ng	0.00
27) Fluoranthene-d10	19.068	212	147435	0.41	ng	0.00
31) Terphenyl-d14	19.678	244	110694	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	39861	3.04	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.174	149	23204	0.16	ng	99

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

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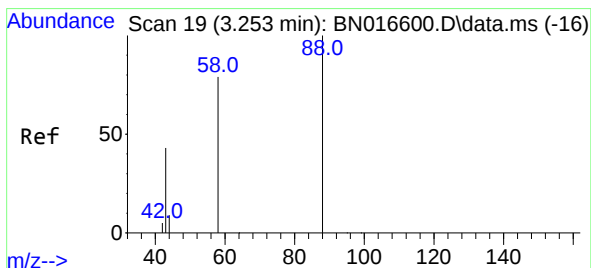
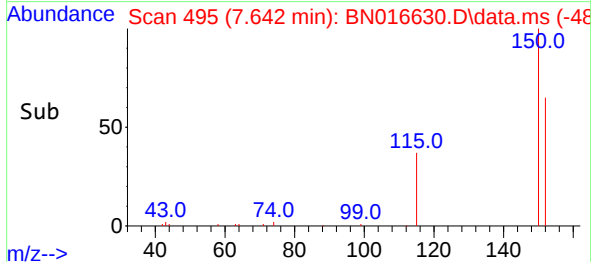
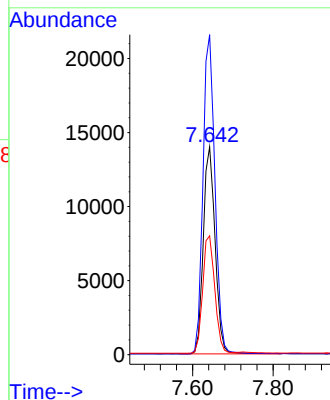
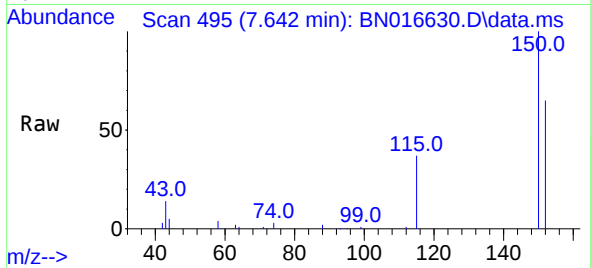


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016630.D
 Acq: 01 Oct 2021 10:46

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20210920

Tgt Ion: 152 Resp: 28524

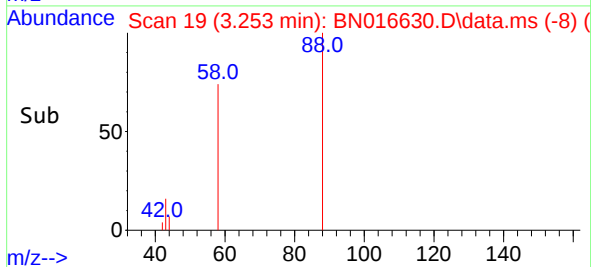
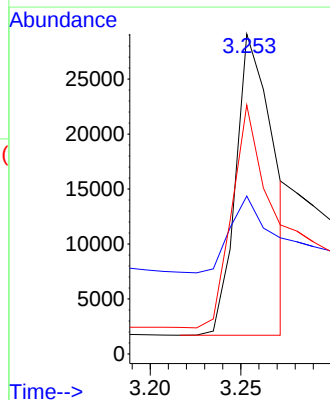
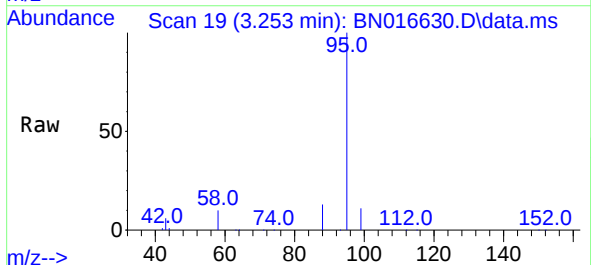
Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	57.2	46.5	69.7

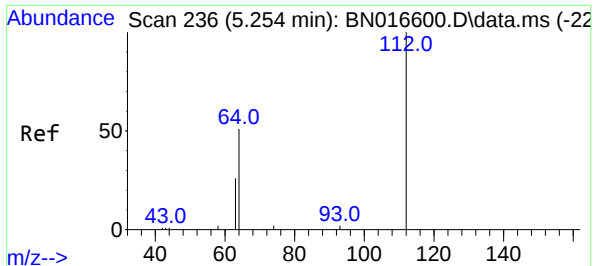


#2
 1,4-Dioxane
 Concen: 3.04 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016630.D
 Acq: 01 Oct 2021 10:46

Tgt Ion: 88 Resp: 39861

Ion	Ratio	Lower	Upper
88	100		
43	26.0	37.8	56.8
58	73.1	61.3	91.9

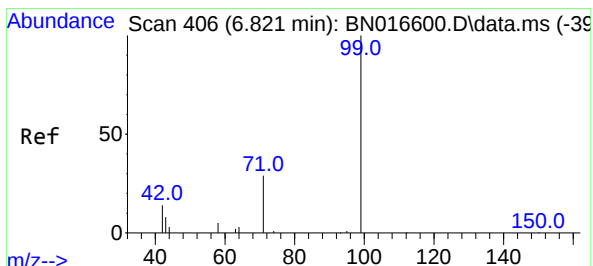
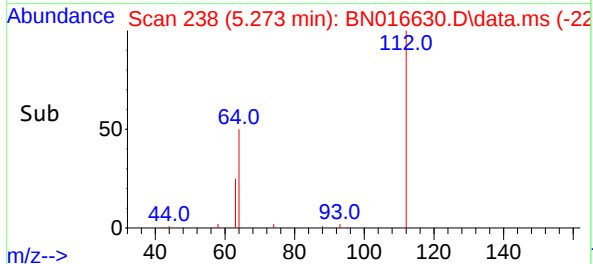
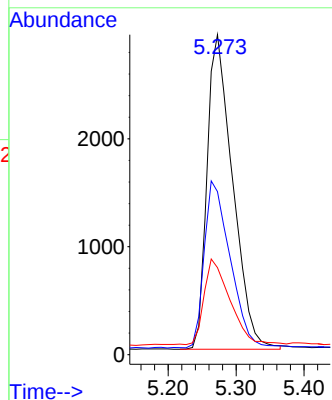
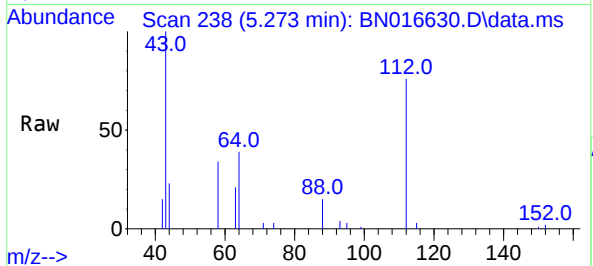




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

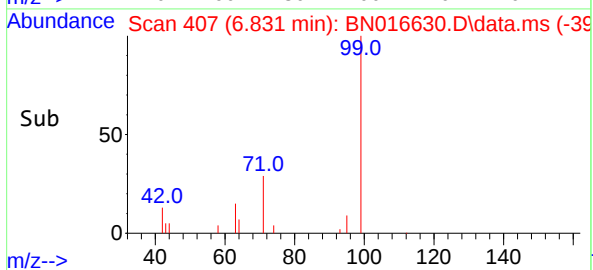
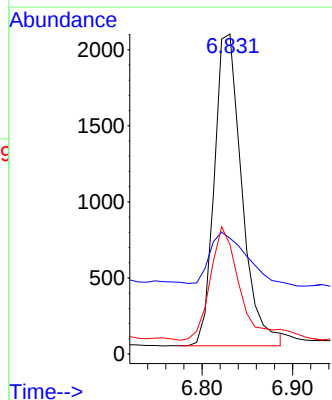
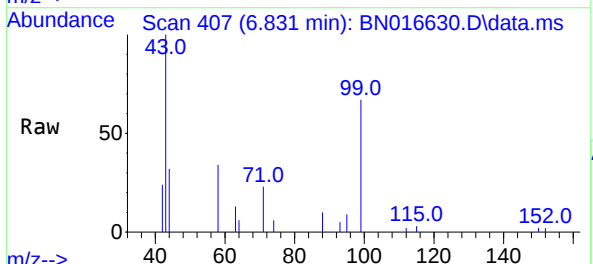
Instrument :
BNA_N
ClientSampleId :
RE126D2-20210920

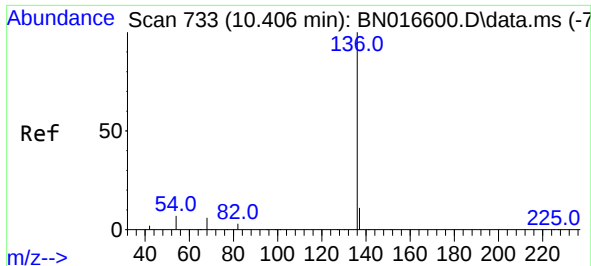
Tgt Ion:112 Resp: 7629
Ion Ratio Lower Upper
112 100
64 53.5 43.1 64.7
63 27.2 21.6 32.4



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Tgt Ion: 99 Resp: 4330
Ion Ratio Lower Upper
99 100
42 21.0 13.0 19.6#
71 37.8 23.5 35.3#



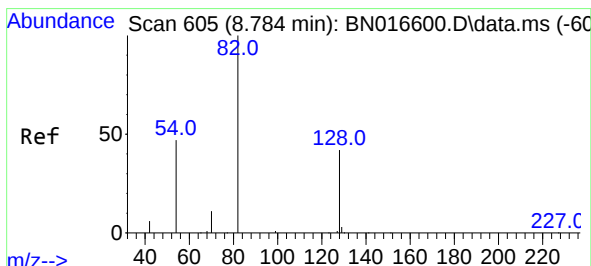
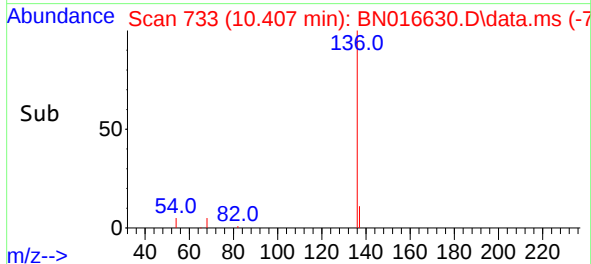
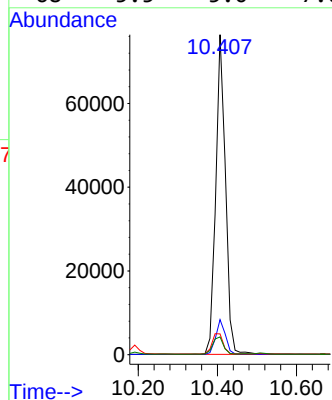
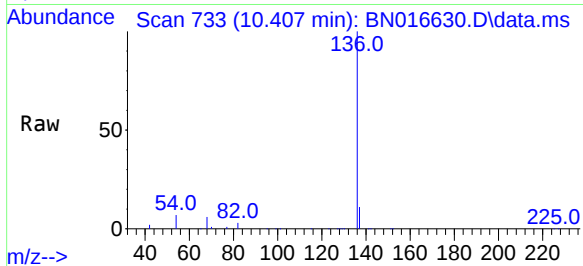


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Instrument :
BNA_N
ClientSampleId :
RE126D2-20210920

Tgt Ion:136 Resp: 130708

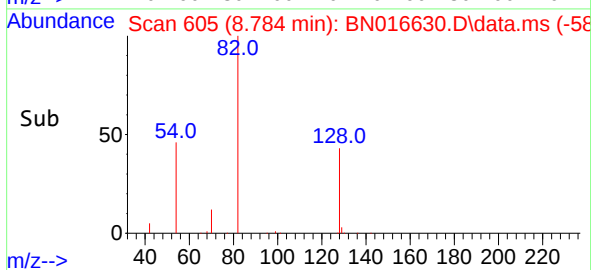
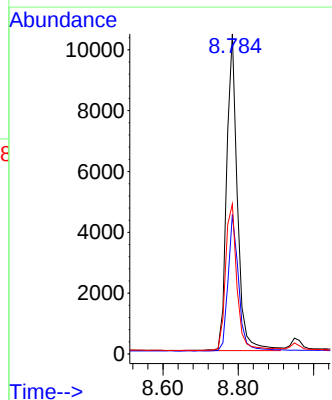
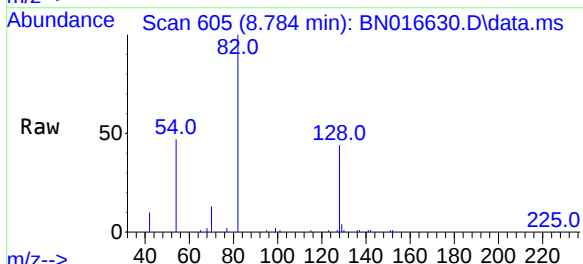
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.5	5.9	8.9
68	5.5	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Tgt Ion: 82 Resp: 20684

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.6	50.4
54	46.9	37.6	56.4

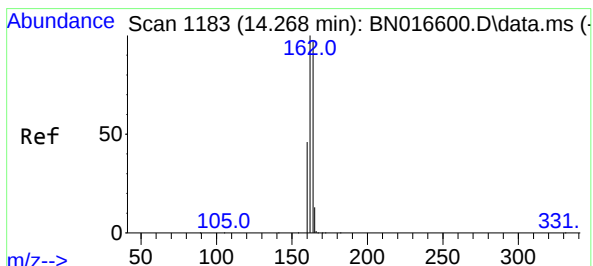
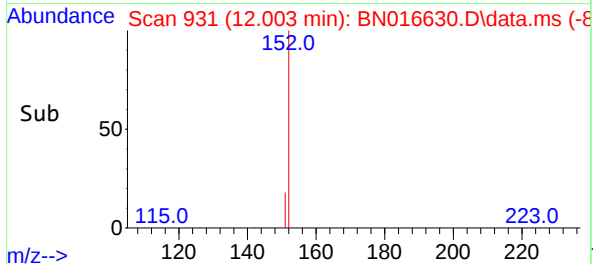
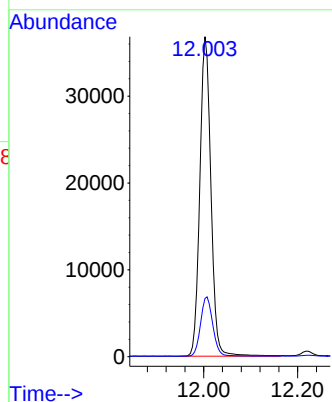
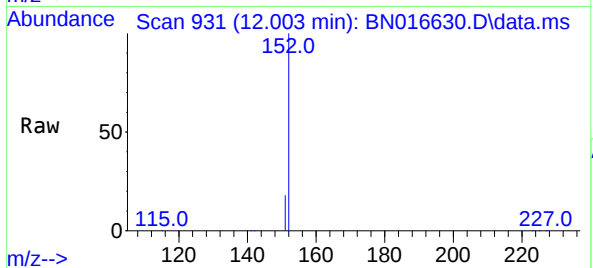




#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

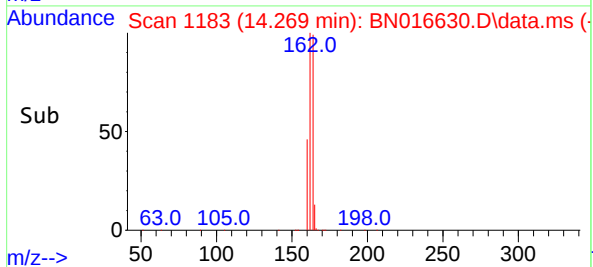
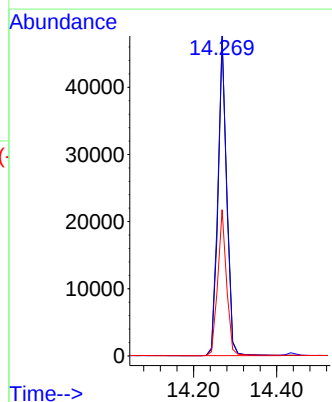
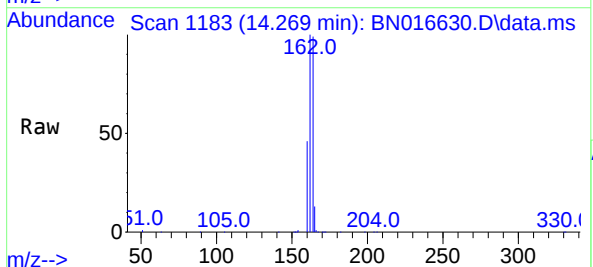
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ClientSampleId :
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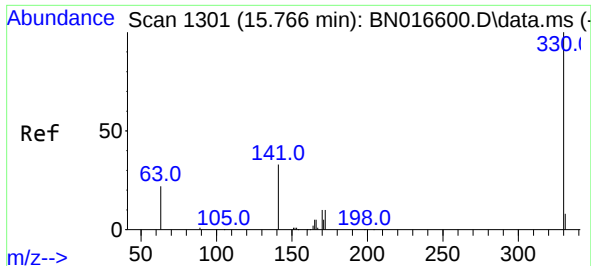
Tgt Ion:152 Resp: 60404
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Tgt Ion:164 Resp: 68784
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 46.1 37.7 56.5

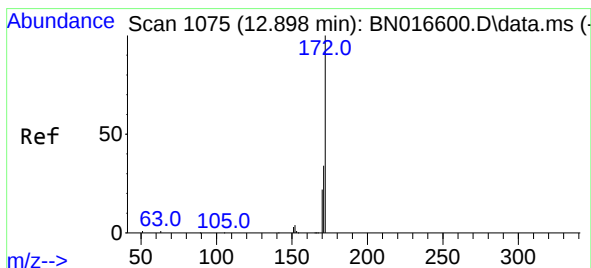
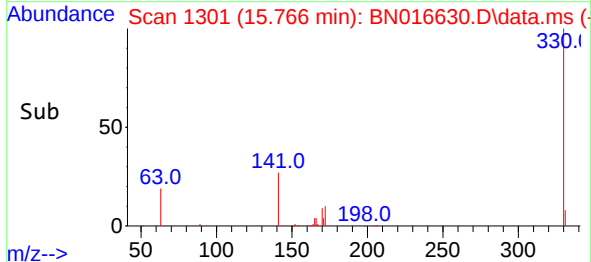
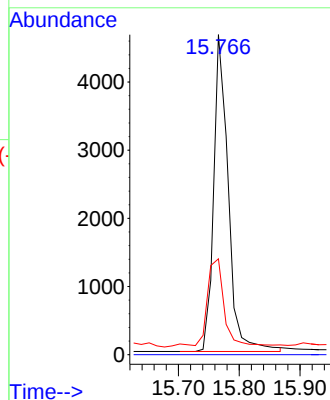
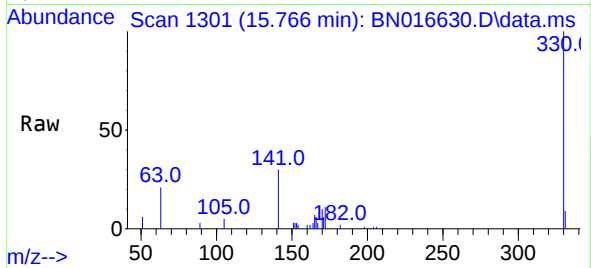




#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

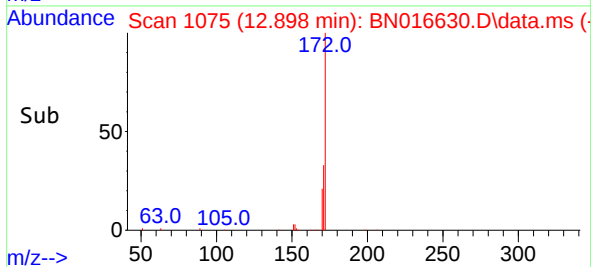
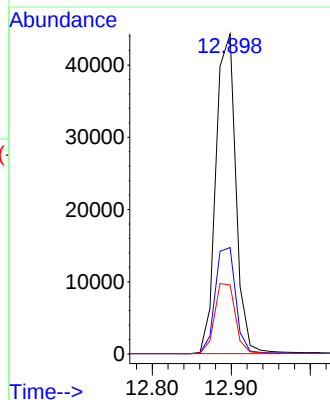
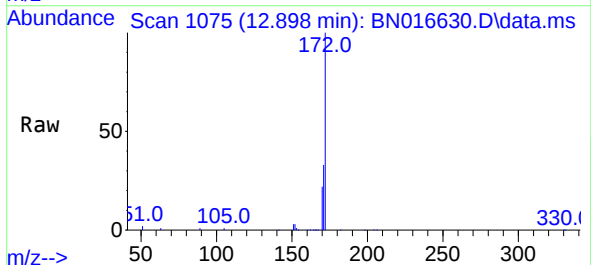
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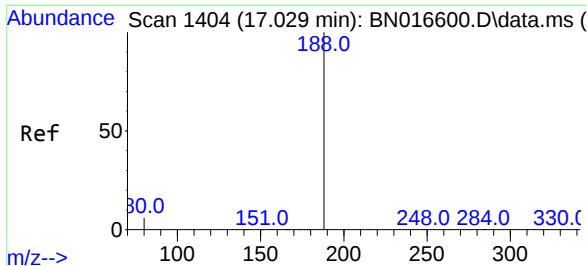
Tgt Ion:330 Resp: 7749
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.4 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Tgt Ion:172 Resp: 77617
Ion Ratio Lower Upper
172 100
171 33.2 27.0 40.4
170 21.6 17.4 26.2

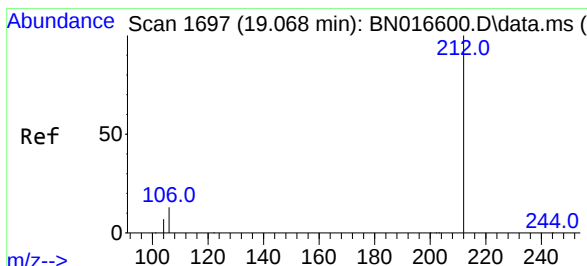
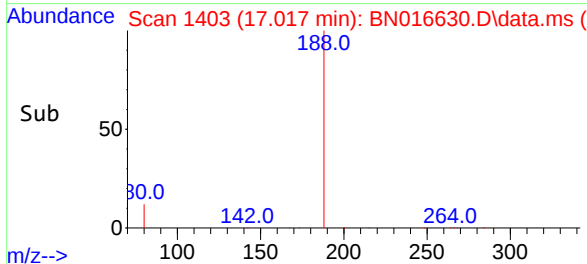
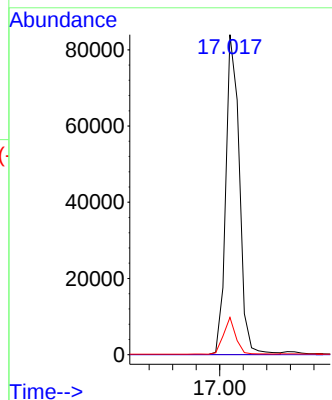
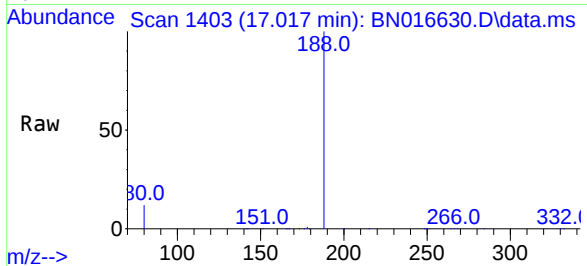




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

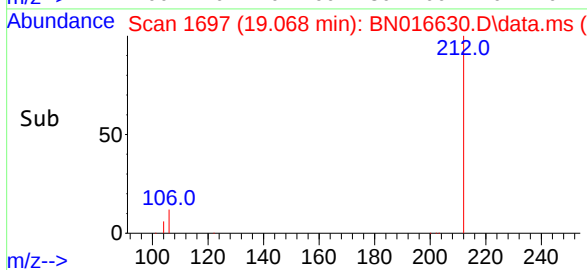
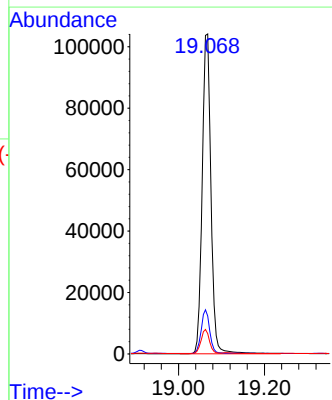
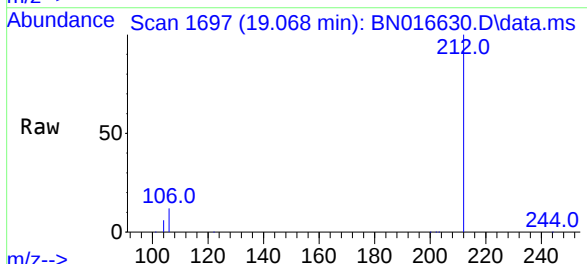
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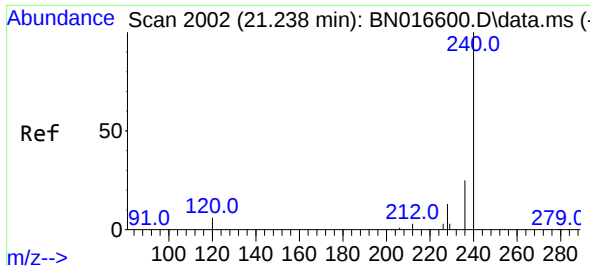
Tgt Ion:188 Resp: 134206
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 5.0 7.6#



#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Tgt Ion:212 Resp: 147435
Ion Ratio Lower Upper
212 100
106 13.1 10.6 16.0
104 7.2 5.9 8.9

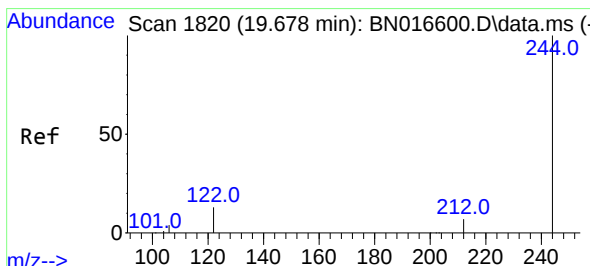
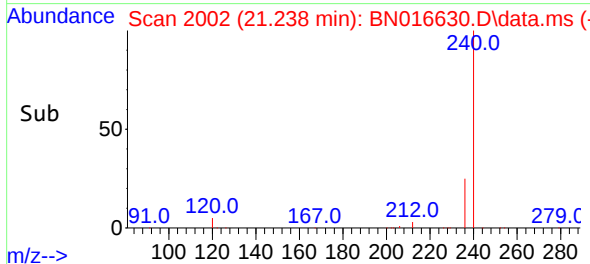
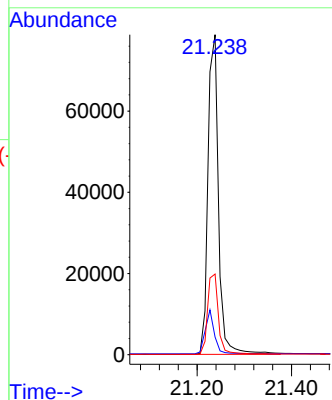
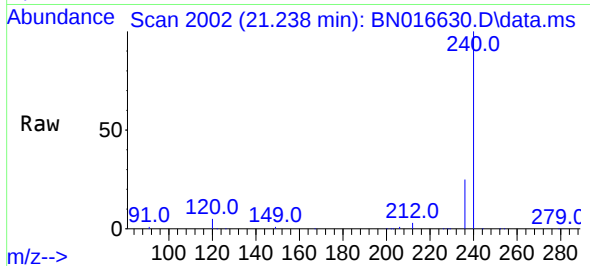




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

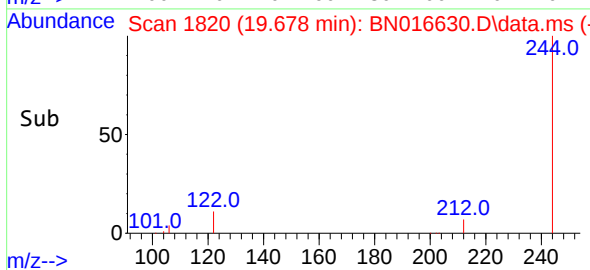
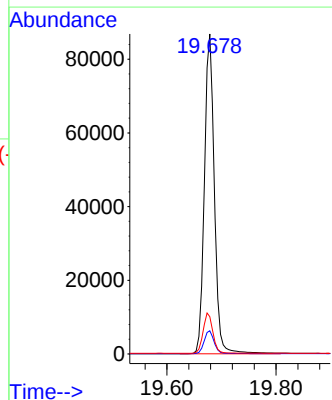
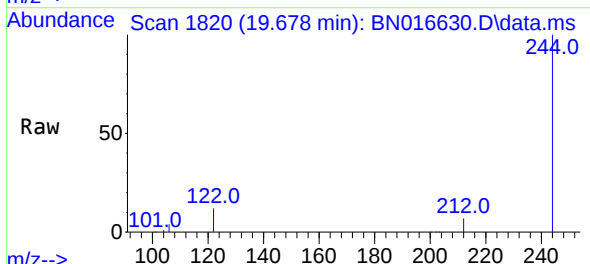
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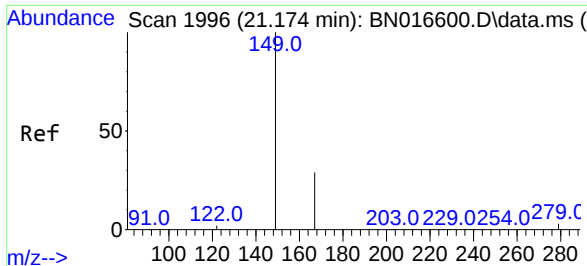
Tgt Ion:240 Resp: 121803
Ion Ratio Lower Upper
240 100
120 5.5 5.0 7.4
236 25.2 20.4 30.6



#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Tgt Ion:244 Resp: 110694
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.7 10.1 15.1



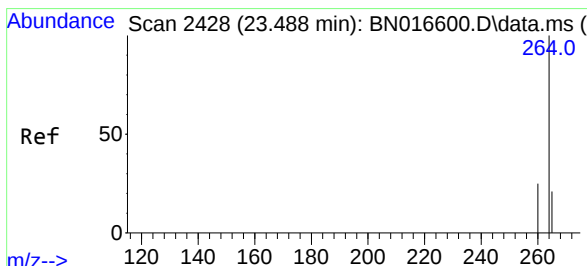
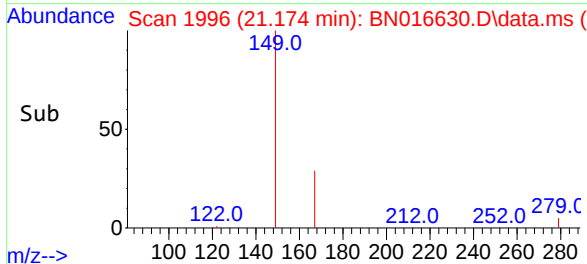
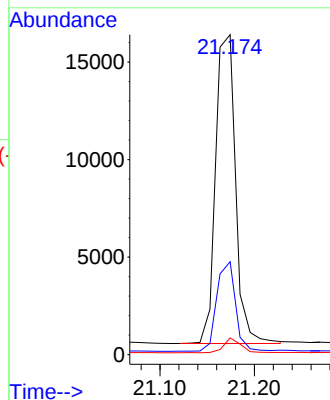
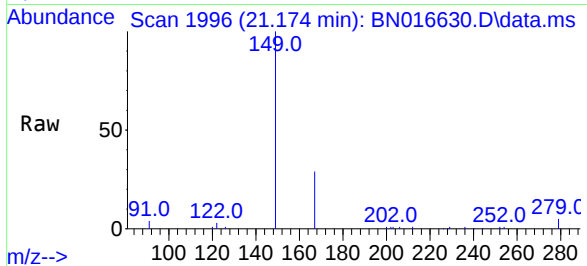


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Instrument :
BNA_N
ClientSampleId :
RE126D2-20210920

Tgt Ion:149 Resp: 23204

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.4
279	4.1	3.2	4.8



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016630.D
Acq: 01 Oct 2021 10:46

Tgt Ion:264 Resp: 121038

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	23.2	19.2	28.8

