

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016821.D
 Acq On : 07 Oct 2021 23:42
 Operator : CG/JU
 Sample : M4080-05RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Oct 08 05:20:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

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

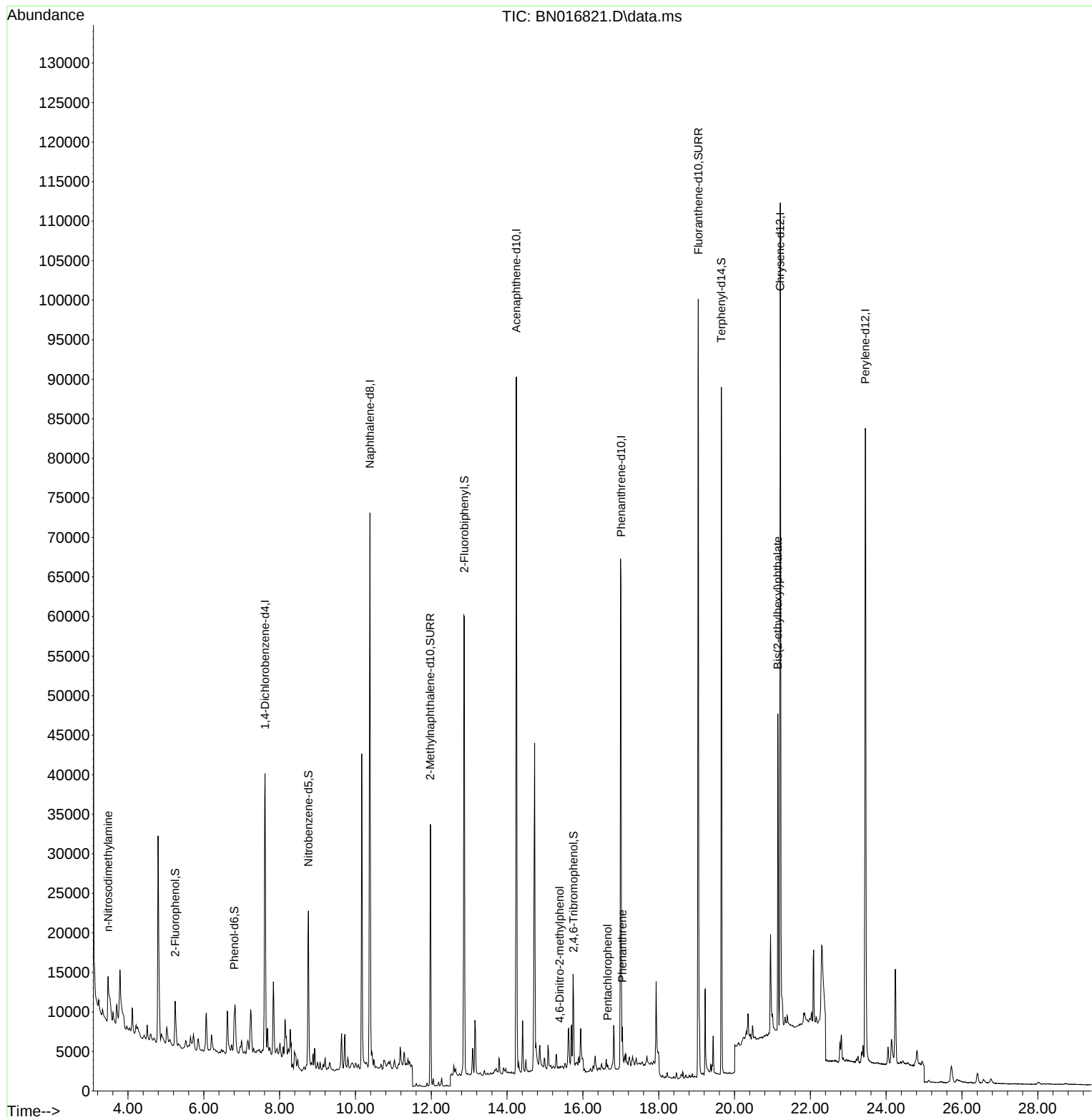
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20281	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	92218	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	49789	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	97431	0.400	ng	0.00
29) Chrysene-d12	21.206	240	98287	0.400	ng	#-0.01
35) Perylene-d12	23.450	264	105878	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	7141	0.141	ng	0.02
5) Phenol-d6	6.803	99	4744	0.082	ng	0.00
8) Nitrobenzene-d5	8.759	82	18402	0.285	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	44790	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	10046	0.390	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	58243	0.290	ng	0.00
27) Fluoranthene-d10	19.043	212	109785	0.406	ng	0.00
31) Terphenyl-d14	19.654	244	87785	0.410	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.475	42	1737	0.109	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	88	0.211	ng	# 1
24) Pentachlorophenol	16.652	266	328	0.114	ng	91
25) Phenanthrene	17.042	178	5915	0.020	ng	99
34) Bis(2-ethylhexyl)phtha...	21.142	149	38009	0.246	ng	100

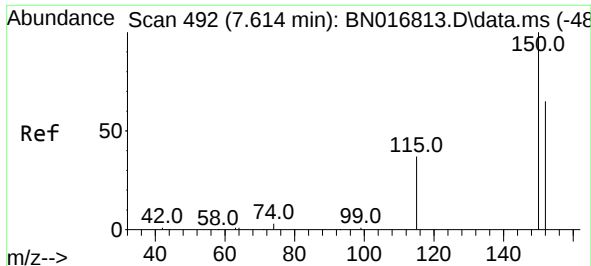
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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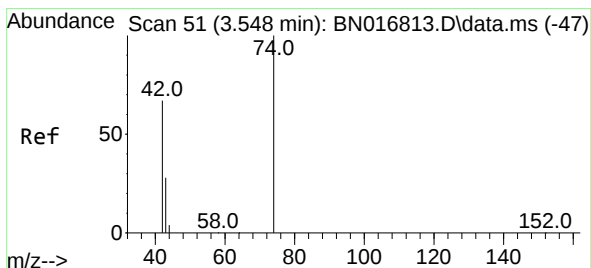
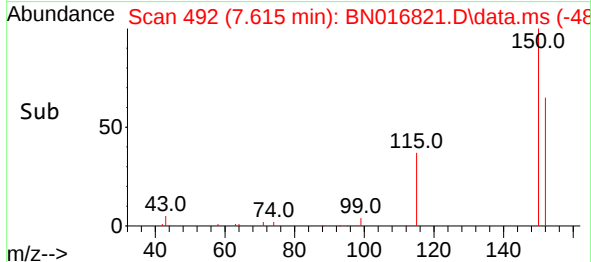
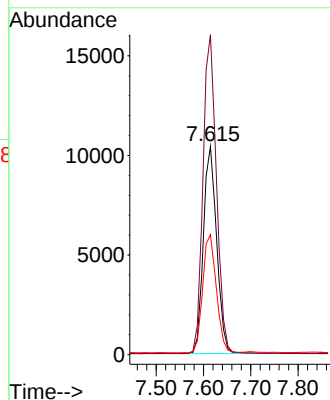
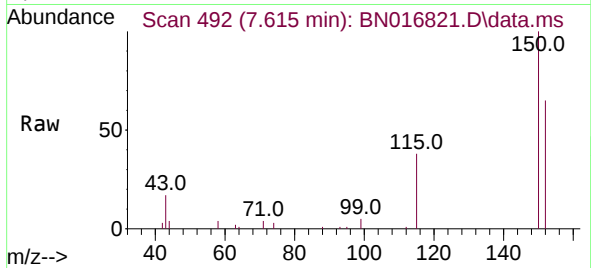




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

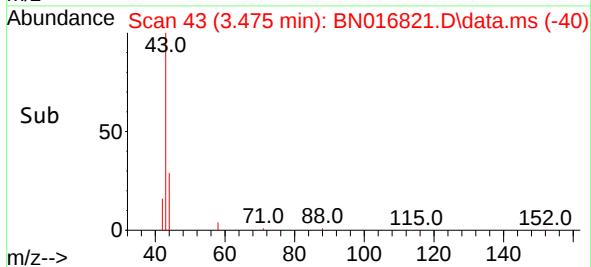
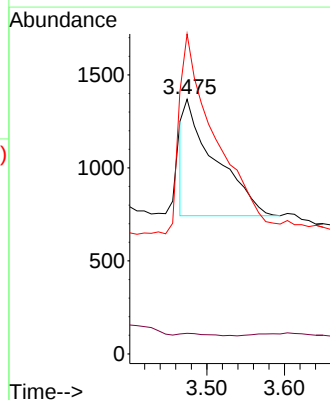
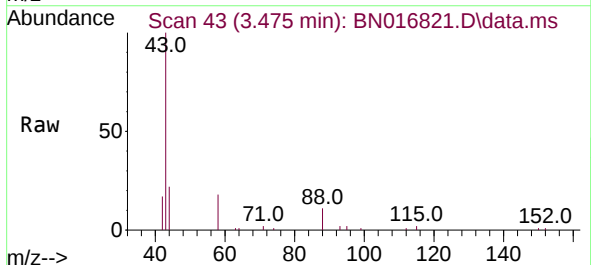
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

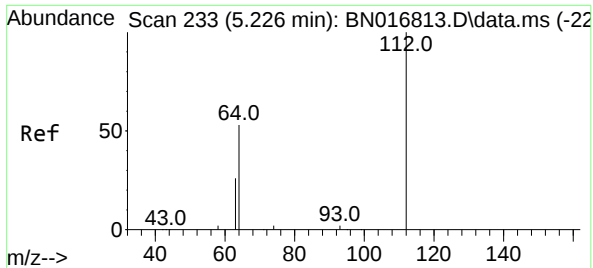
Tgt Ion:152 Resp: 20281
Ion Ratio Lower Upper
152 100
150 153.6 123.3 184.9
115 57.6 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.109 ng
RT: 3.475 min Scan# 43
Delta R.T. -0.074 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

Tgt Ion: 42 Resp: 1737
Ion Ratio Lower Upper
42 100
74 1.5 124.0 186.0#
44 155.1 5.6 8.4#

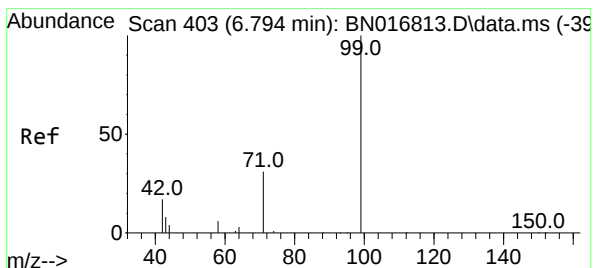
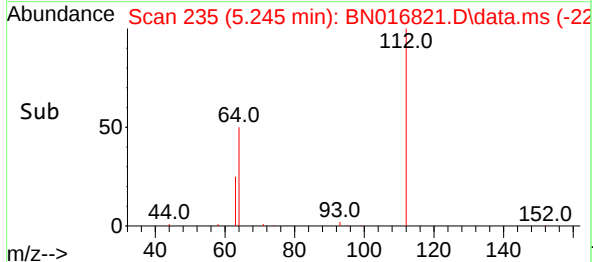
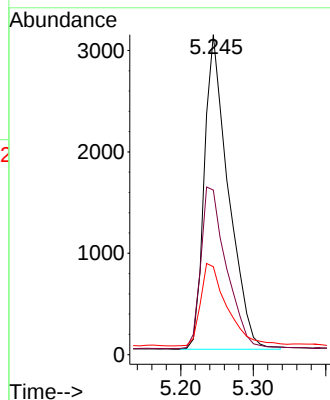
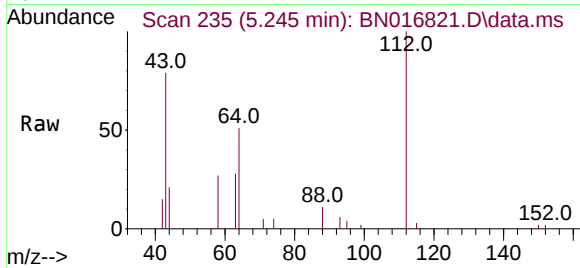




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.019 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

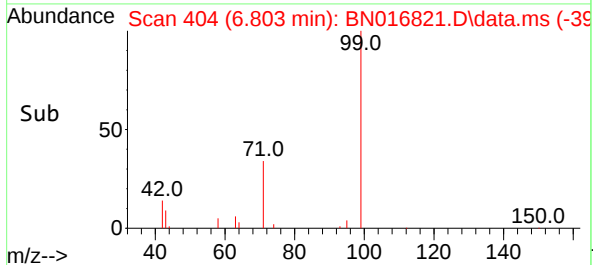
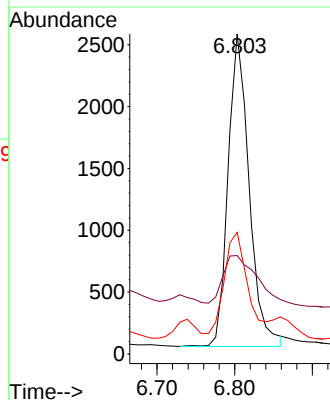
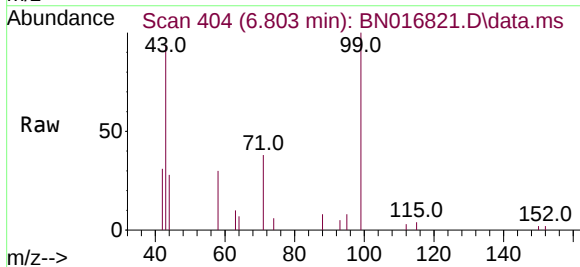
Instrument :
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ClientSampleId :
SW-RR-01-(2.0)

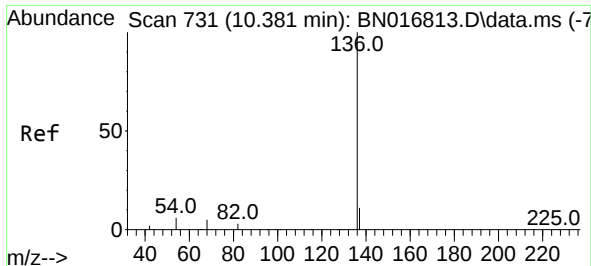
Tgt Ion:	112	Resp:	7141
Ion	Ratio	Lower	Upper
112	100		
64	55.0	42.9	64.3
63	28.8	21.5	32.3



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

Tgt Ion:	99	Resp:	4744
Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.4	20.2#
71	34.8	24.0	36.0

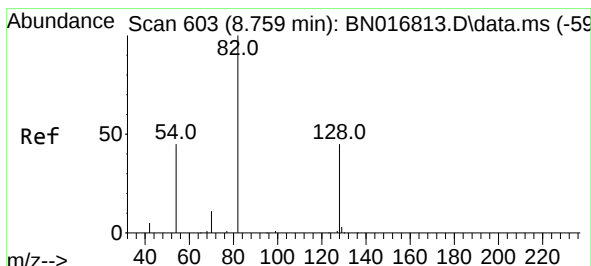
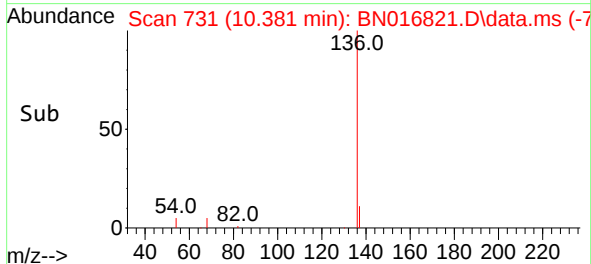
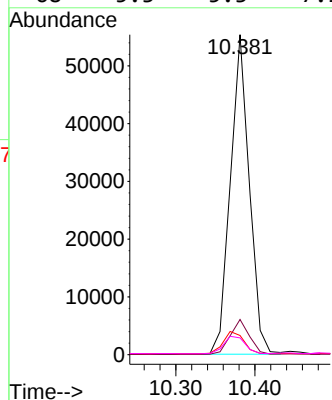
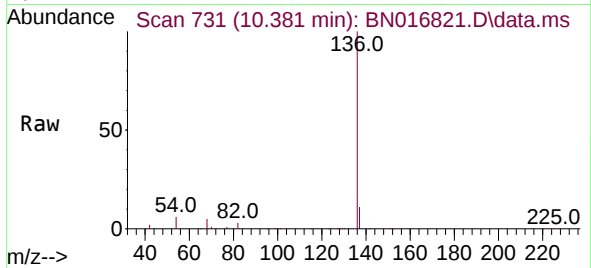




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

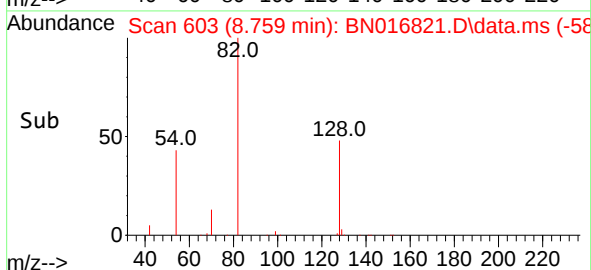
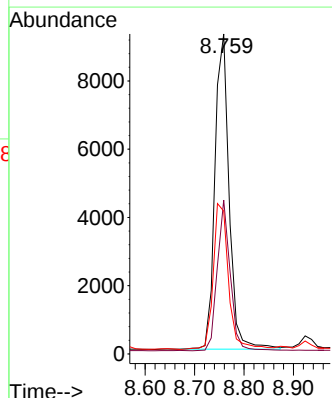
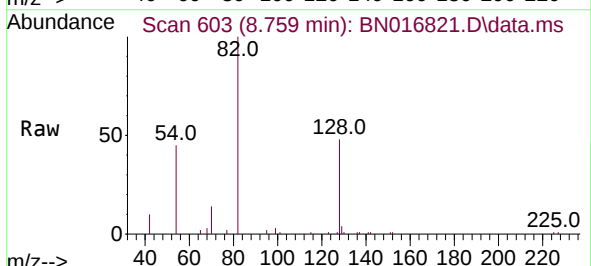
Instrument :
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ClientSampleId :
SW-RR-01-(2.0)

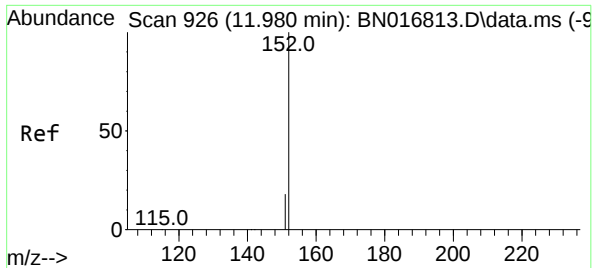
Tgt Ion:	136	Resp:	92218
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.0	6.5	9.7#
68	5.3	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

Tgt Ion:	82	Resp:	18402
Ion	Ratio	Lower	Upper
82	100		
128	48.1	33.8	50.6
54	44.7	38.5	57.7

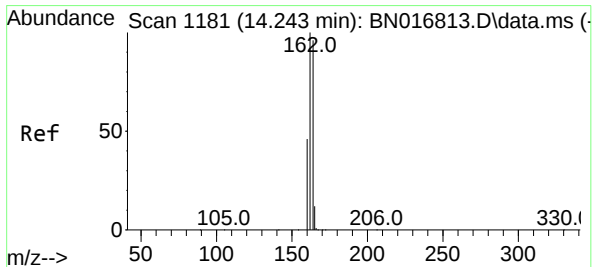
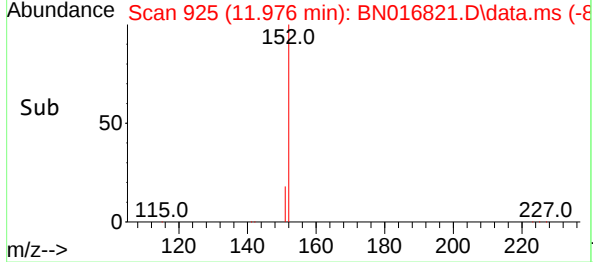
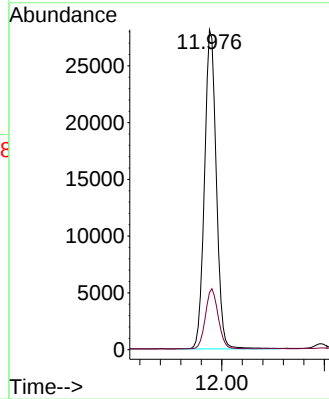
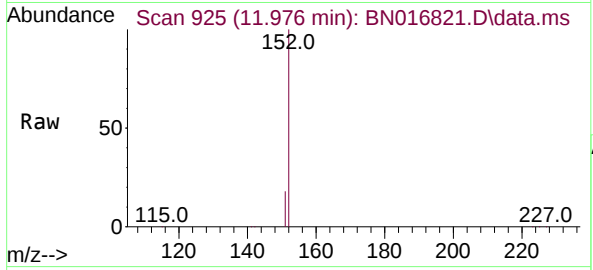




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

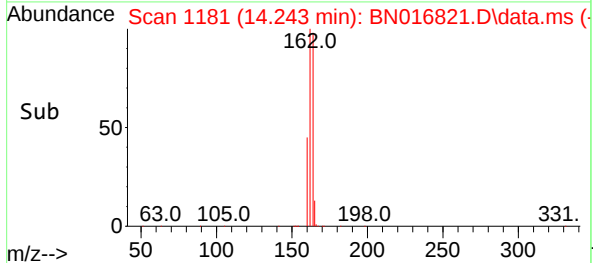
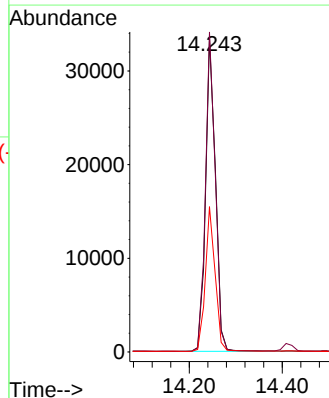
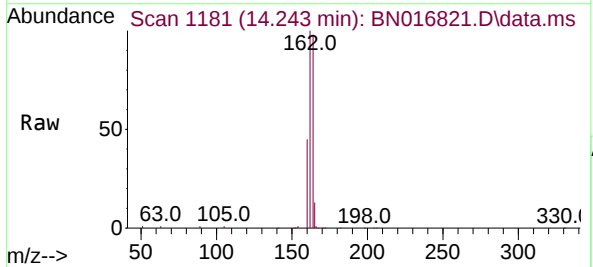
Instrument :
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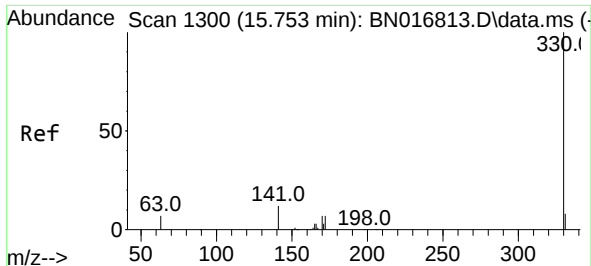
Tgt Ion:152 Resp: 44790
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

Tgt Ion:164 Resp: 49789
Ion Ratio Lower Upper
164 100
162 102.0 82.6 124.0
160 46.3 38.2 57.2

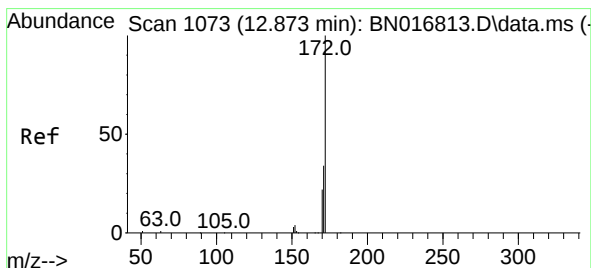
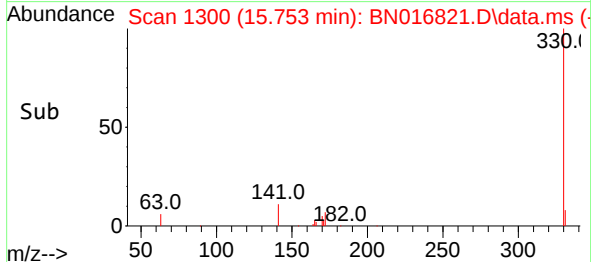
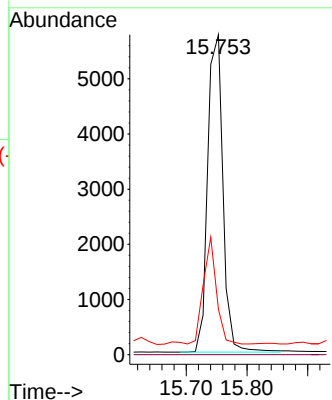
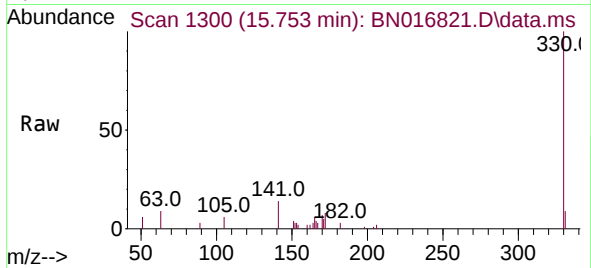




#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

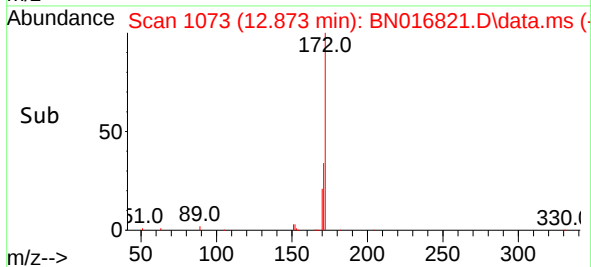
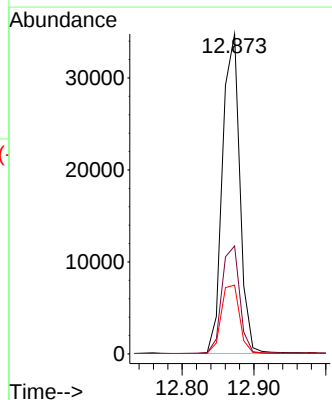
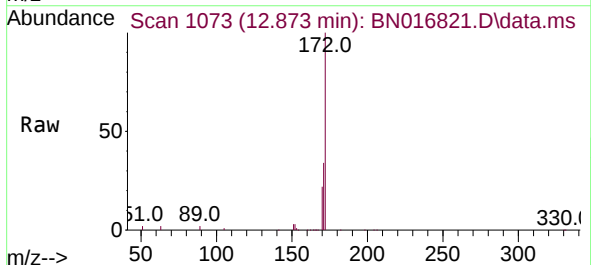
Instrument :
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ClientSampleId :
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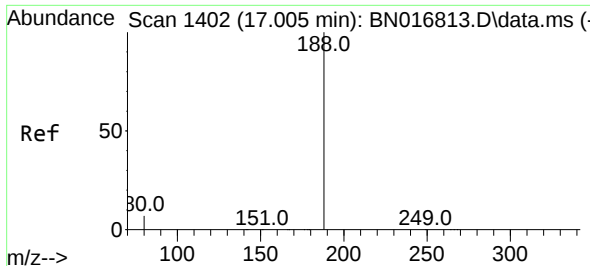
Tgt Ion:330 Resp: 10046
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.8 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

Tgt Ion:172 Resp: 58243
Ion Ratio Lower Upper
172 100
171 33.7 26.9 40.3
170 21.5 17.4 26.0

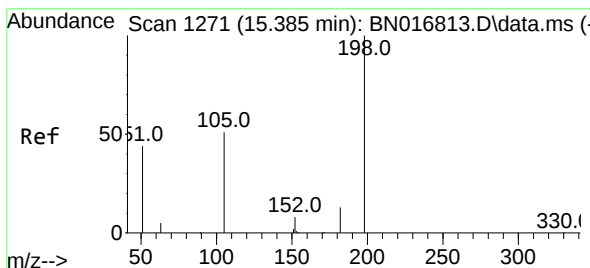
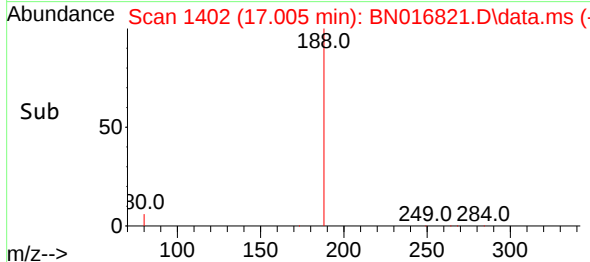
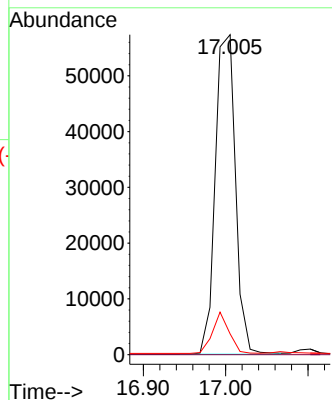
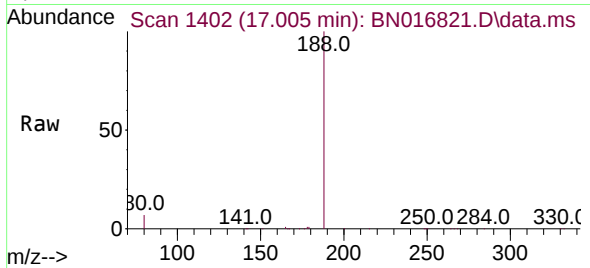




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

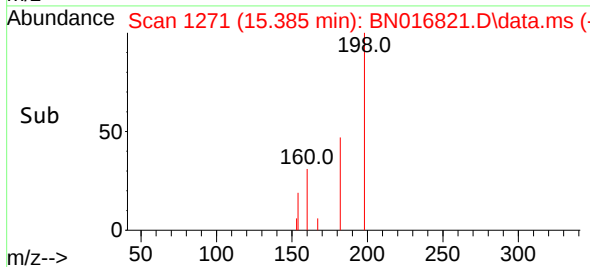
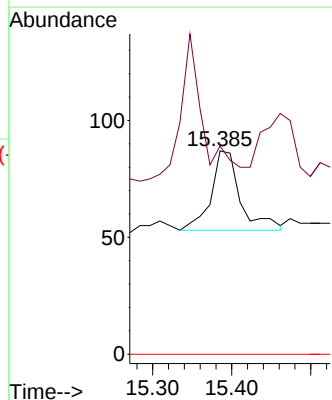
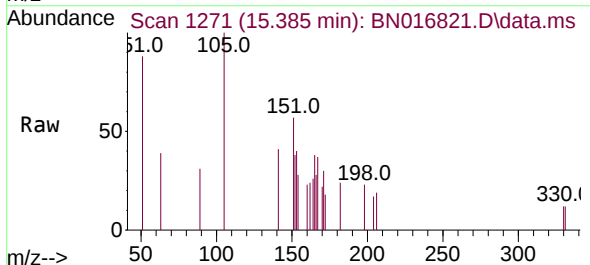
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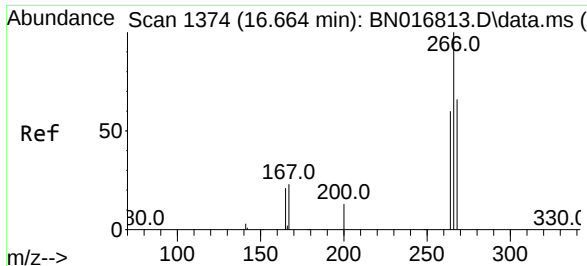
Tgt Ion:	188	Resp:	97431
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	6.5	5.8	8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.211 ng
RT: 15.385 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

Tgt Ion:	198	Resp:	88
Ion Ratio	Lower	Upper	
198	100		
182	102.3	26.2	39.2#
77	0.0	0.0	0.0

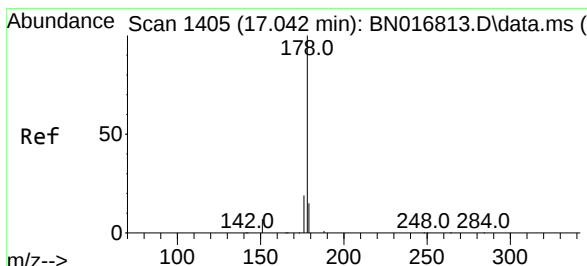
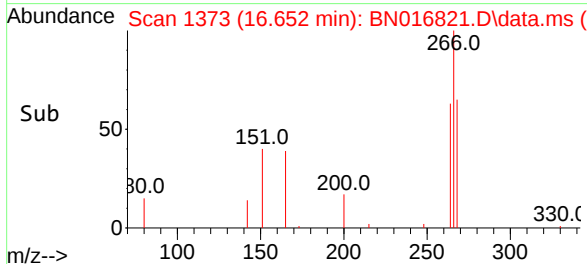
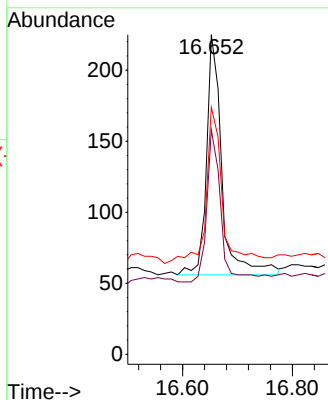
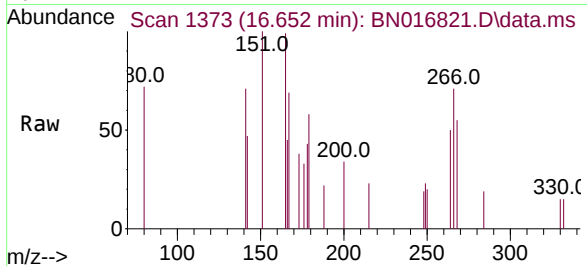




#24
 Pentachlorophenol
 Concen: 0.114 ng
 RT: 16.652 min Scan# 1373
 Delta R.T. -0.012 min
 Lab File: BN016821.D
 Acq: 07 Oct 2021 23:42

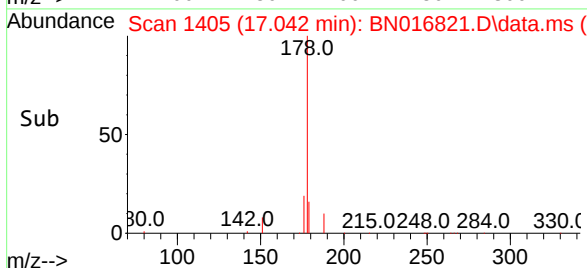
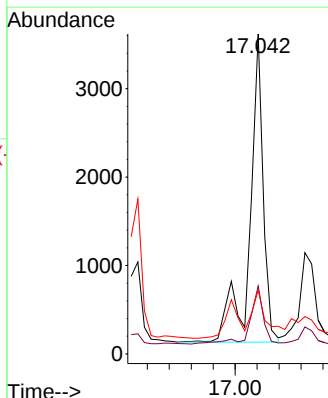
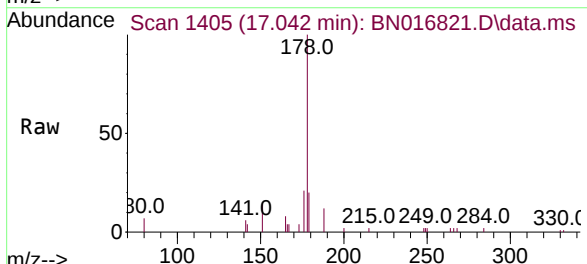
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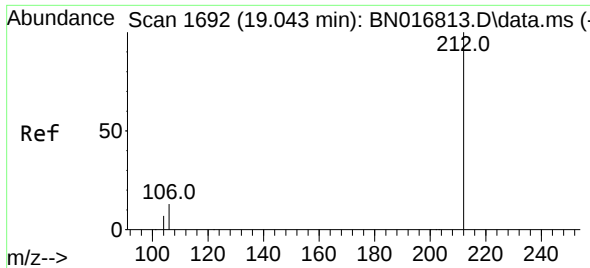
Tgt Ion:	266	Resp:	328
Ion Ratio	Lower	Upper	
266	100		
264	57.6	49.3	73.9
268	54.9	51.8	77.8



#25
 Phenanthrene
 Concen: 0.020 ng
 RT: 17.042 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: BN016821.D
 Acq: 07 Oct 2021 23:42

Tgt Ion:	178	Resp:	5915
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.0	22.6
179	14.8	12.4	18.6

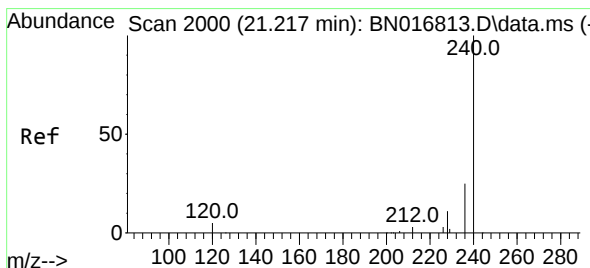
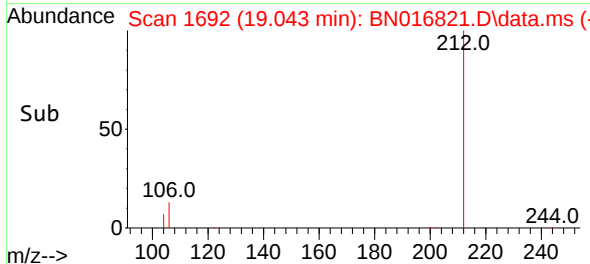
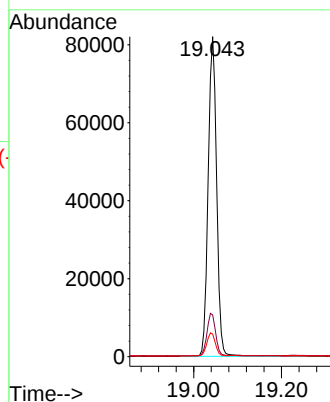
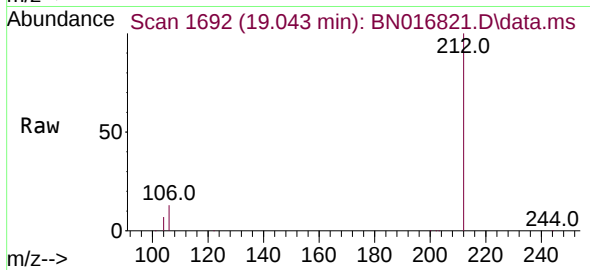




#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

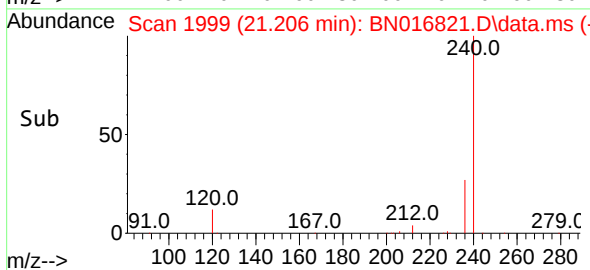
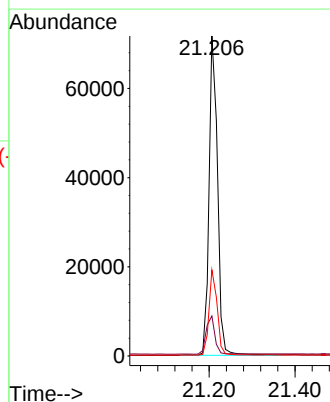
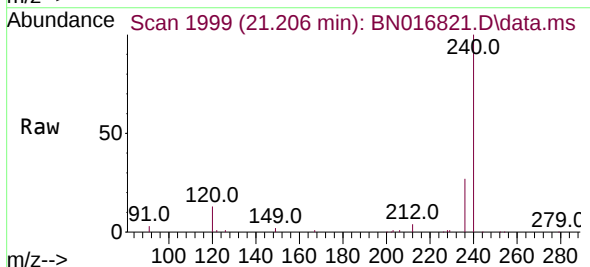
Instrument :
BNA_N
ClientSampleId :
SW-RR-01-(2.0)

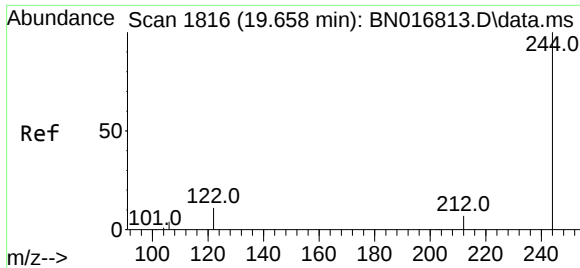
Tgt Ion:212 Resp: 109785
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BN016821.D
Acq: 07 Oct 2021 23:42

Tgt Ion:240 Resp: 98287
Ion Ratio Lower Upper
240 100
120 12.5 6.6 10.0#
236 26.9 20.7 31.1

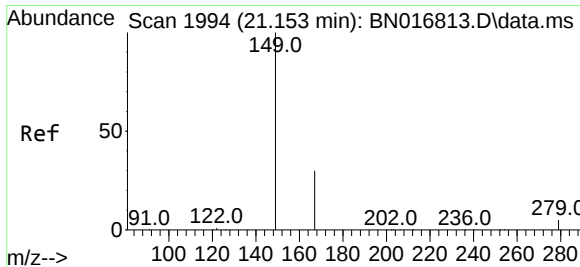
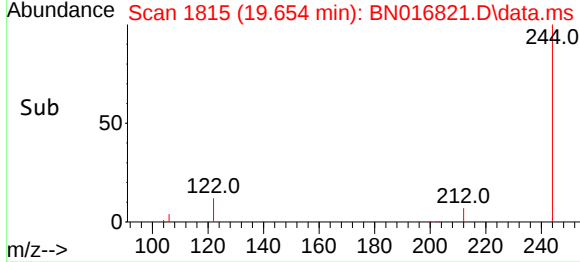
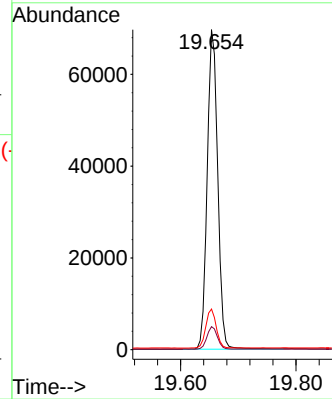
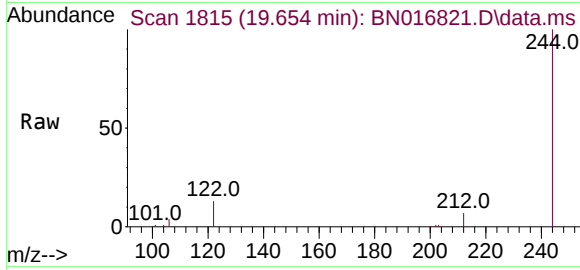




#31
 Terphenyl-d14
 Concen: 0.410 ng
 RT: 19.654 min Scan# 1815
 Delta R.T. -0.005 min
 Lab File: BN016821.D
 Acq: 07 Oct 2021 23:42

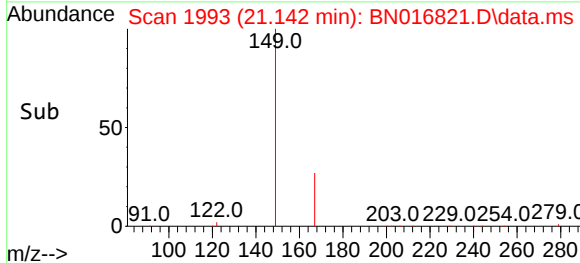
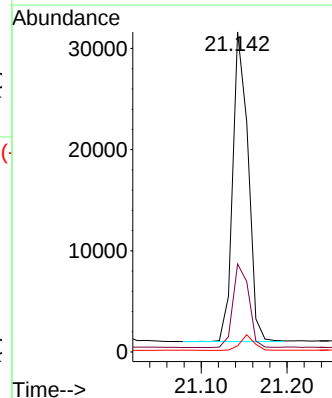
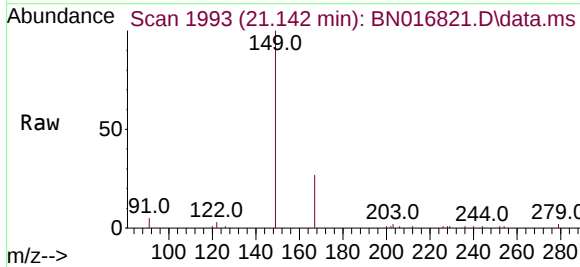
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)

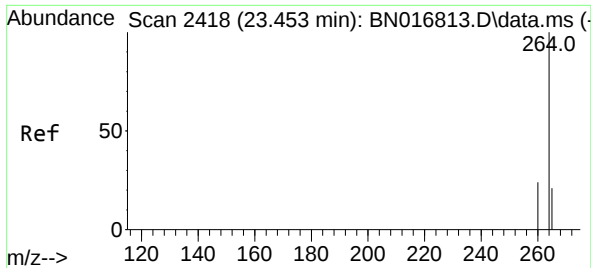
Tgt Ion:244	Resp:	87785
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.6
122	12.7	8.9 13.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.246 ng
 RT: 21.142 min Scan# 1993
 Delta R.T. -0.011 min
 Lab File: BN016821.D
 Acq: 07 Oct 2021 23:42

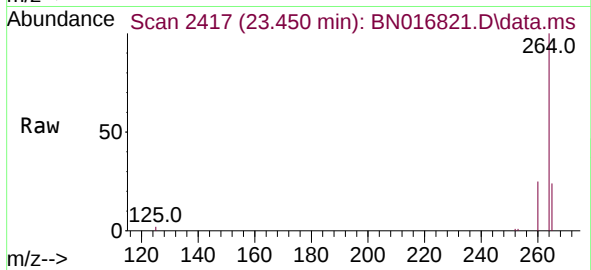
Tgt Ion:149	Resp:	38009
Ion Ratio	Lower	Upper
149	100	
167	27.9	22.2 33.4
279	4.4	3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.450 min Scan# 2417
 Delta R.T. -0.003 min
 Lab File: BN016821.D
 Acq: 07 Oct 2021 23:42

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-01-(2.0)



Tgt Ion:264 Resp: 105878

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	23.5	20.3	30.5

