

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016747.D
 Acq On : 05 Oct 2021 16:59
 Operator : CG/JU
 Sample : M4040-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 00:58:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

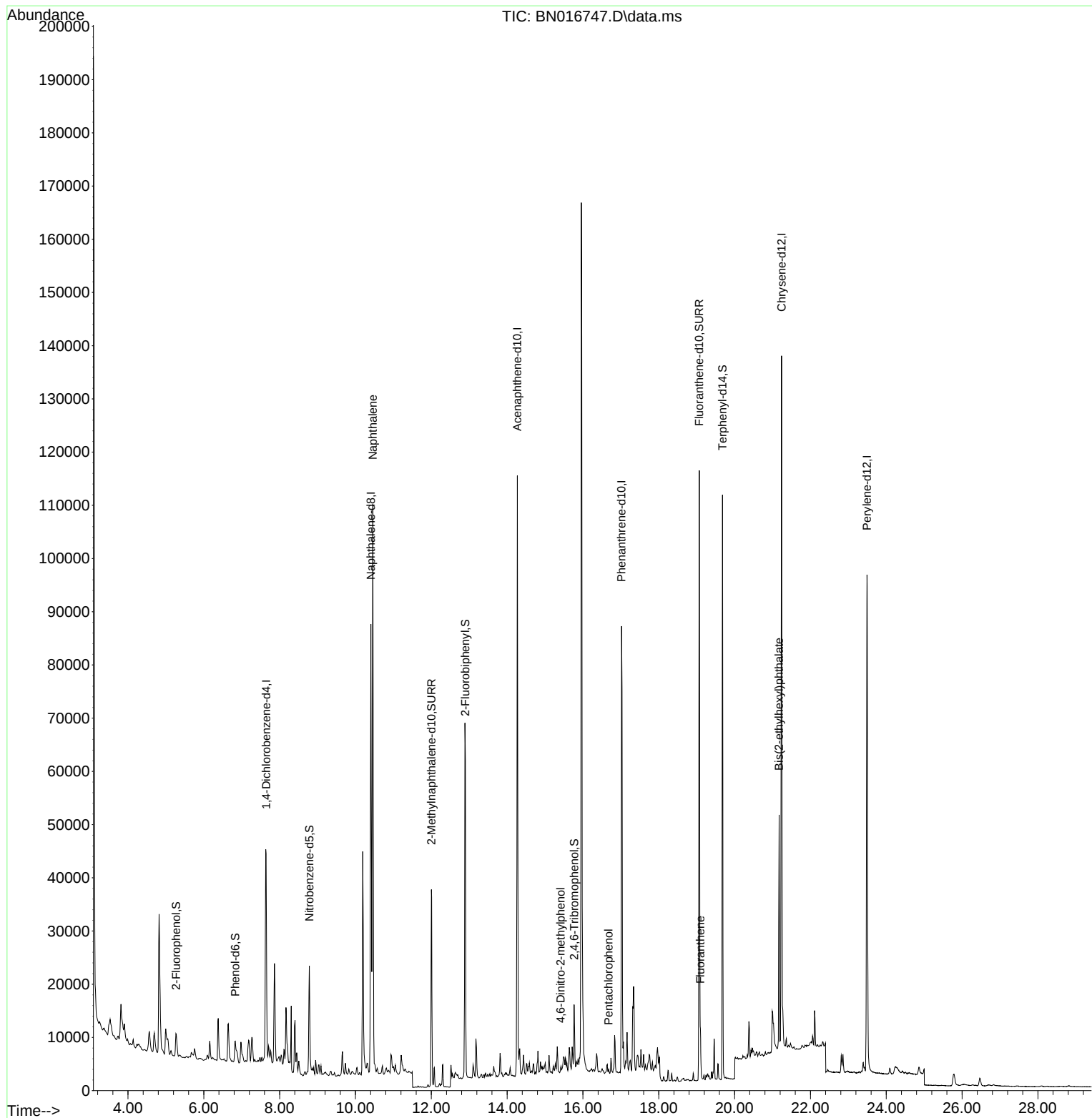
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	24216	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	110902	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	60850	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	119633	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	120630	0.400	ng	0.00
35) Perylene-d12	23.491	264	125337	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	6469	0.105	ng	0.02
5) Phenol-d6	6.831	99	4383	0.064	ng	0.00
8) Nitrobenzene-d5	8.784	82	18892	0.243	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	48999	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	9986	0.402	ng	-0.01
15) 2-Fluorobiphenyl	12.898	172	63658	0.262	ng	0.00
27) Fluoranthene-d10	19.068	212	128169	0.392	ng	0.00
31) Terphenyl-d14	19.678	244	106453	0.394	ng	0.00
Target Compounds						
9) Naphthalene	10.457	128	135352	0.446	ng	Qvalue 100
20) 4,6-Dinitro-2-methylph...	15.411	198	75	0.274	ng	# 1
24) Pentachlorophenol	16.677	266	443	0.349	ng	91
28) Fluoranthene	19.098	202	7908	0.020	ng	97
34) Bis(2-ethylhexyl)phtha...	21.174	149	38705	0.171	ng	100

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

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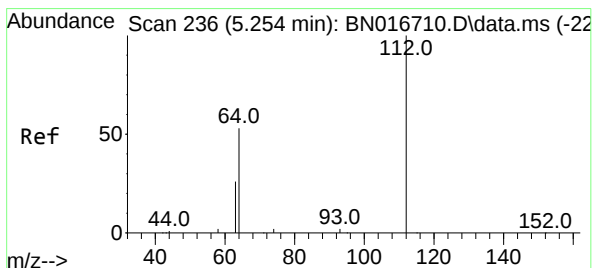
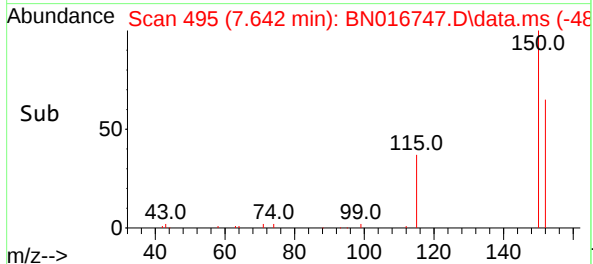
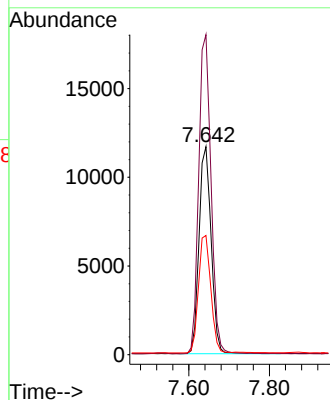
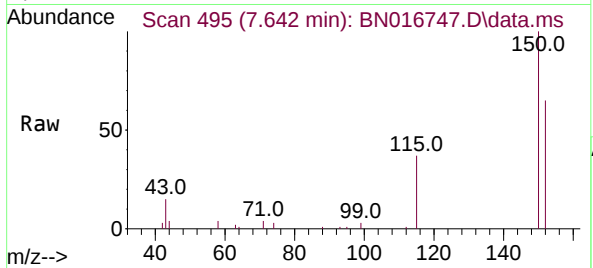




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

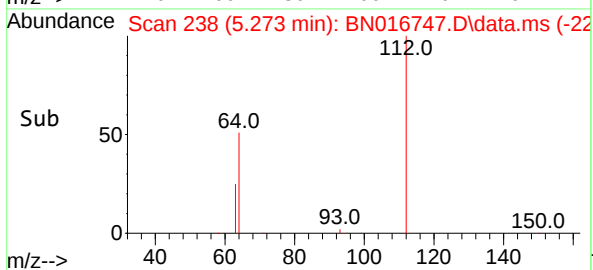
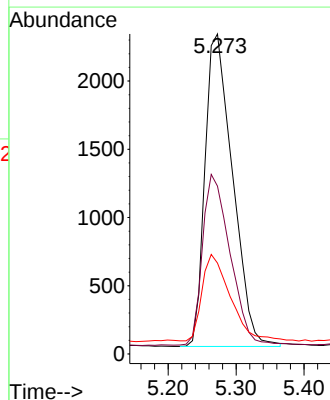
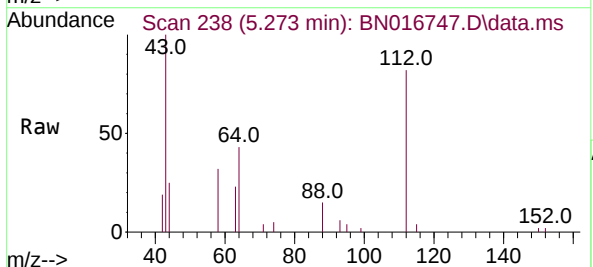
Instrument :
BNA_N
ClientSampleId :

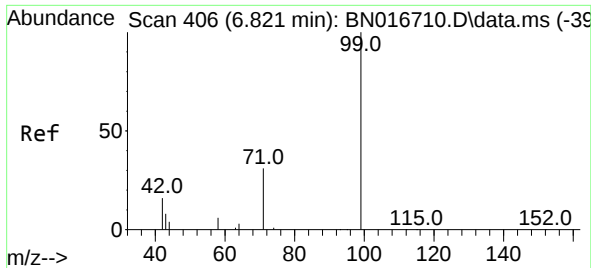
Tgt Ion:152 Resp: 24216
Ion Ratio Lower Upper
152 100
150 153.9 123.3 184.9
115 57.3 47.0 70.6



#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

Tgt Ion:112 Resp: 6469
Ion Ratio Lower Upper
112 100
64 54.2 42.9 64.3
63 28.0 21.5 32.3

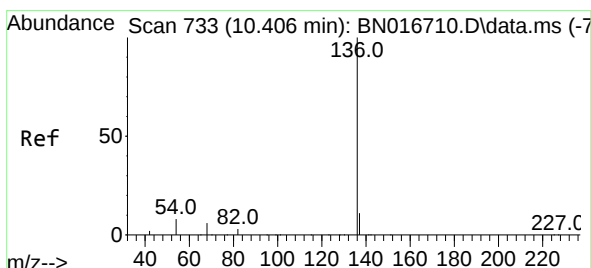
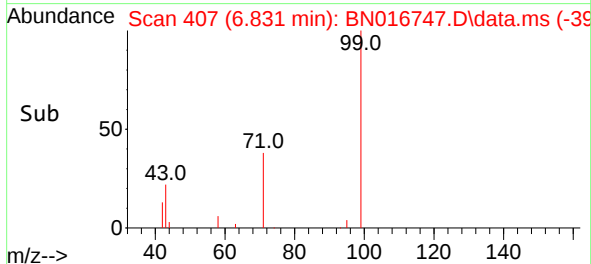
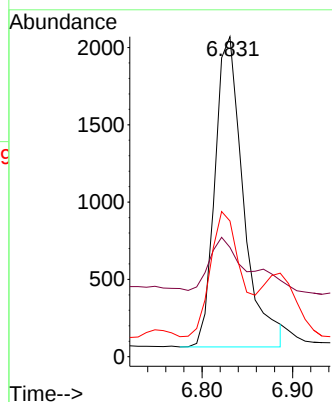
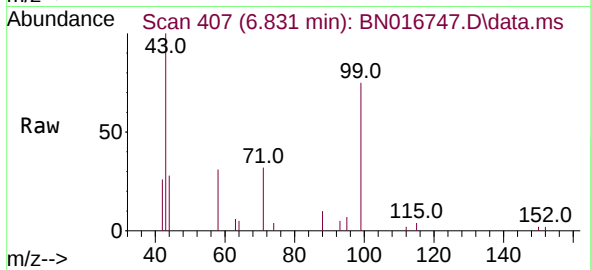




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

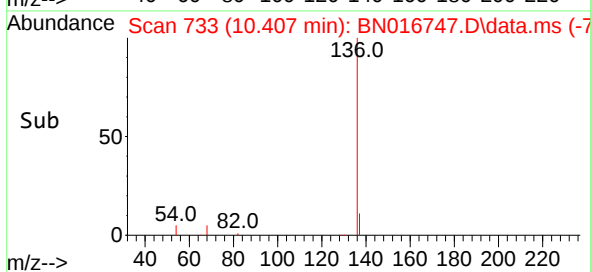
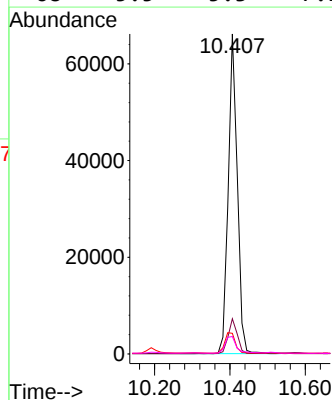
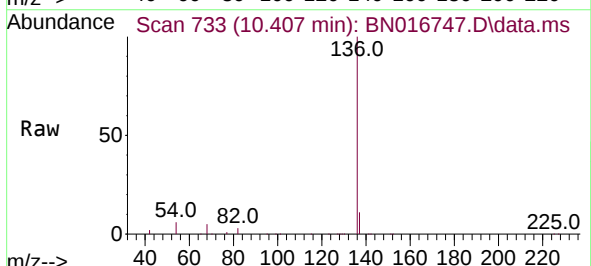
Instrument :
BNA_N
ClientSampled :

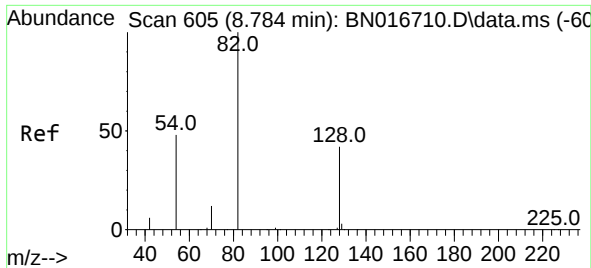
Tgt Ion: 99 Resp: 4383
Ion Ratio Lower Upper
99 100
42 22.0 13.4 20.2#
71 43.6 24.0 36.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

Tgt Ion:136 Resp: 110902
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.4 6.5 9.7#
68 5.5 5.3 7.9

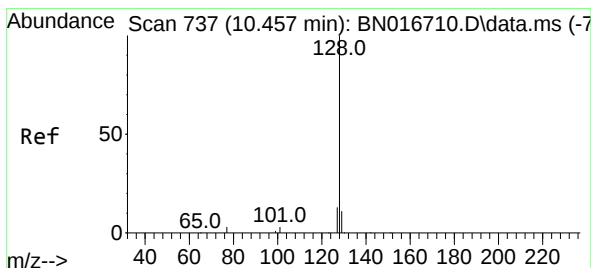
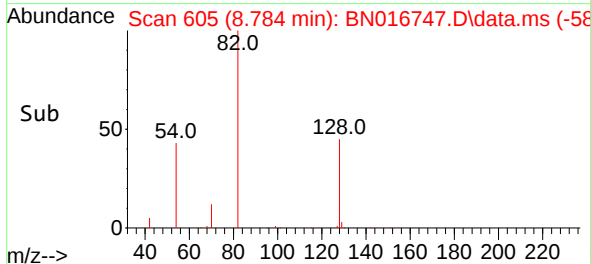
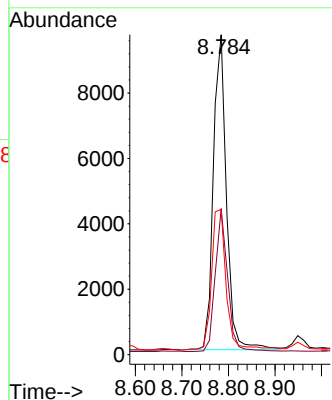
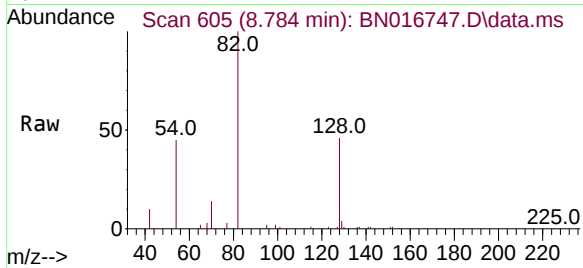




#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

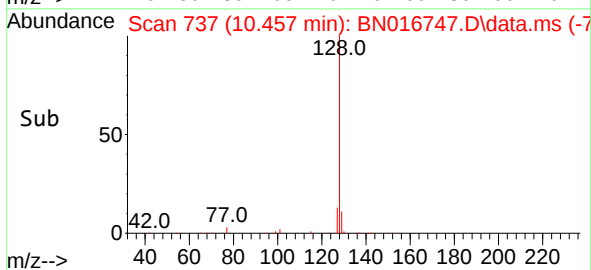
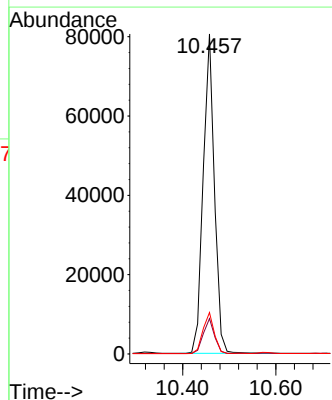
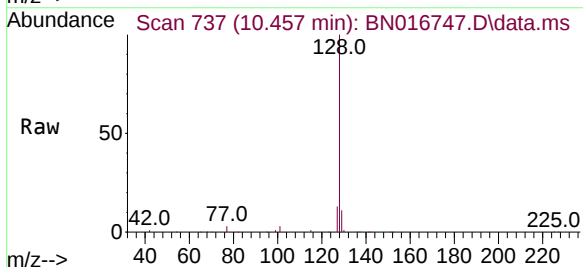
Instrument :
BNA_N
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.8	50.6
54	45.4	38.5	57.7



#9
Naphthalene
Concen: 0.446 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.3	15.5

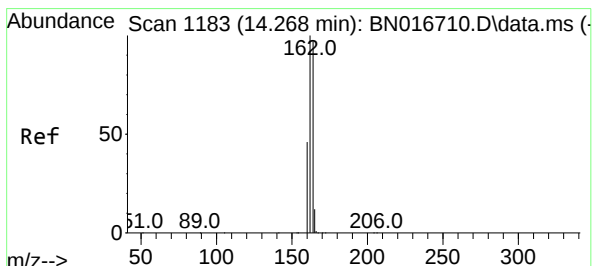
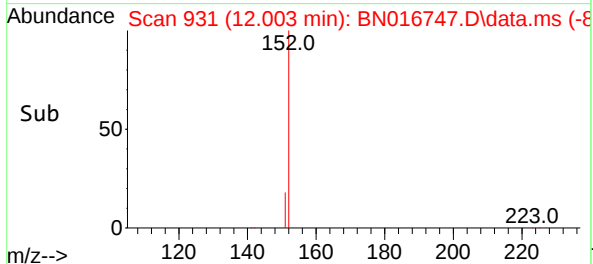
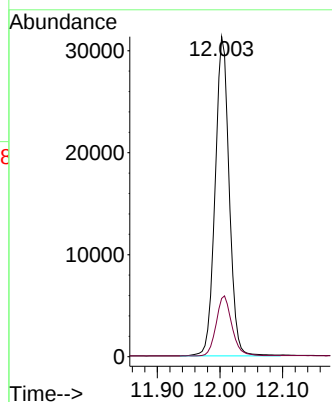
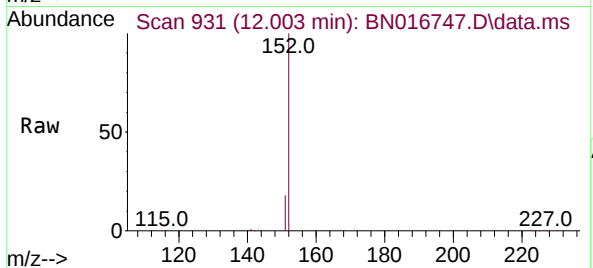




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

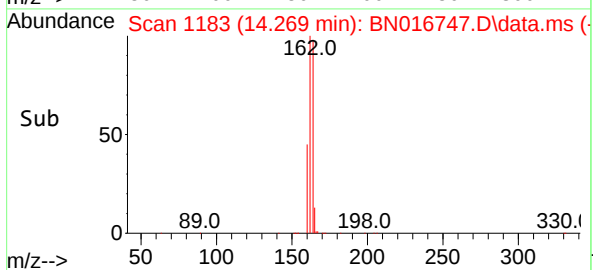
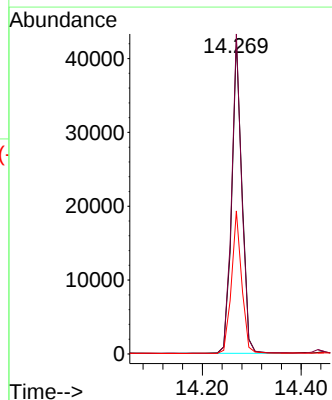
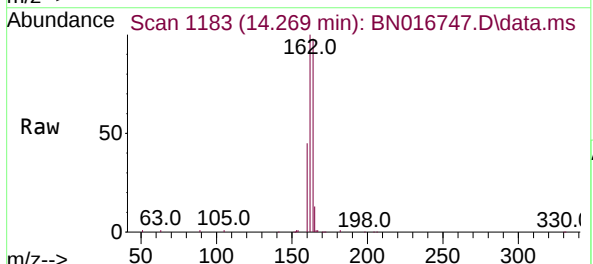
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 48999
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

Tgt Ion:164 Resp: 60850
Ion Ratio Lower Upper
164 100
162 101.7 82.6 124.0
160 45.5 38.2 57.2

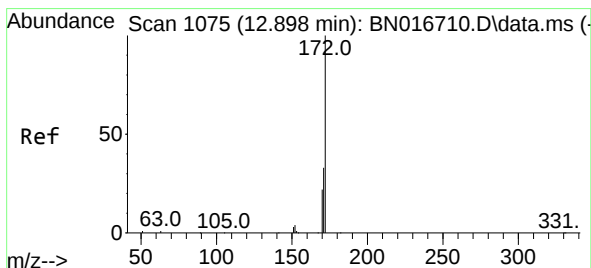
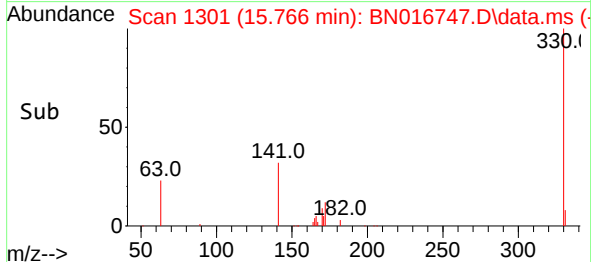
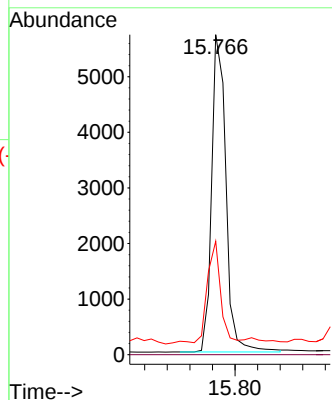
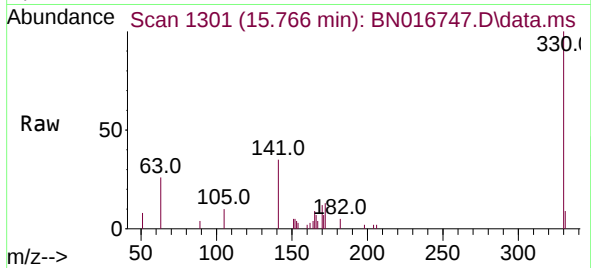




#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

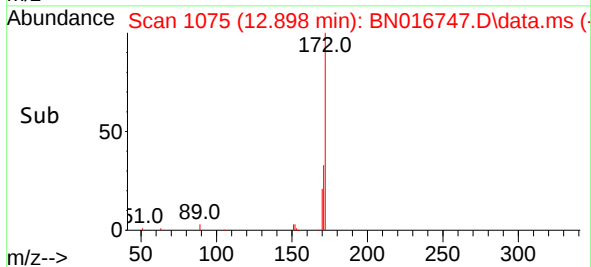
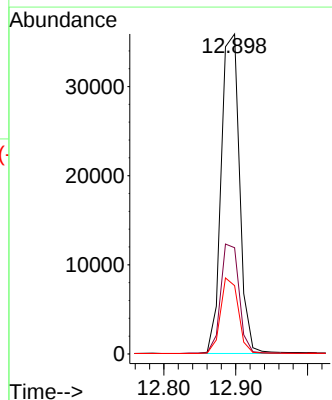
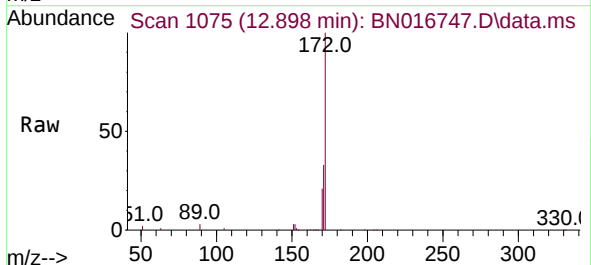
Instrument :
BNA_N
ClientSampleId :

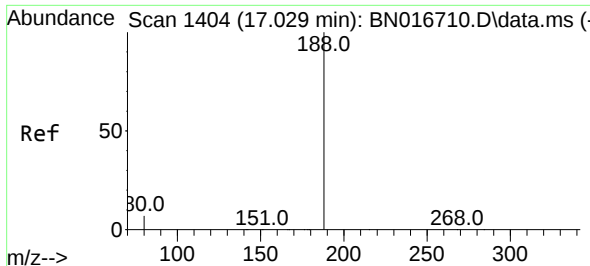
Tgt Ion:330 Resp: 9986
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.3 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

Tgt Ion:172 Resp: 63658
Ion Ratio Lower Upper
172 100
171 33.2 26.9 40.3
170 21.3 17.4 26.0

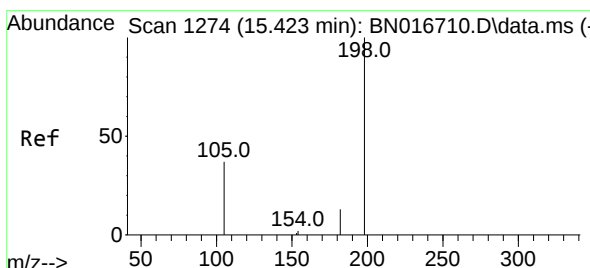
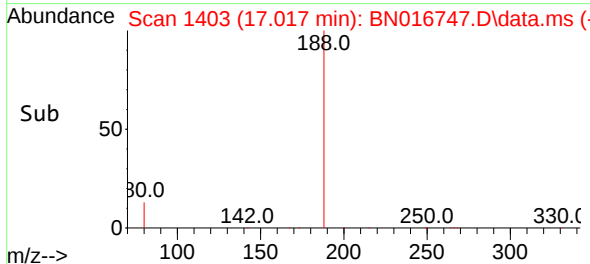
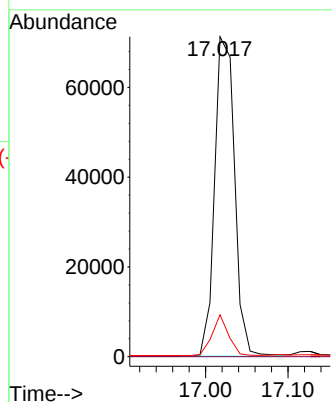
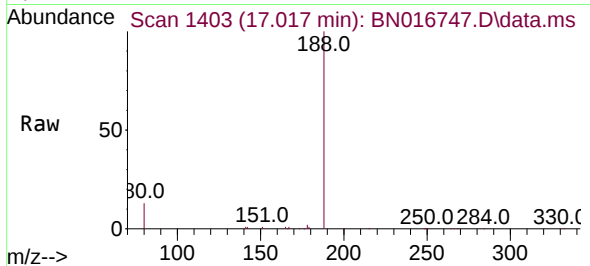




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

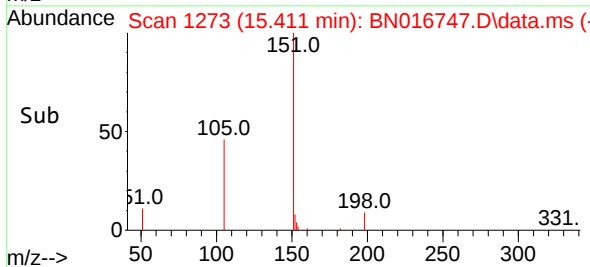
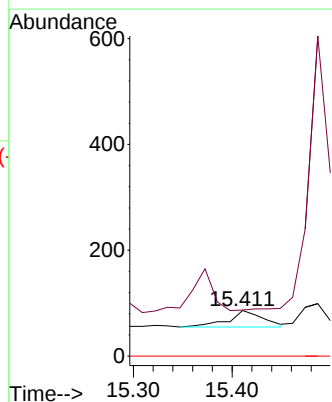
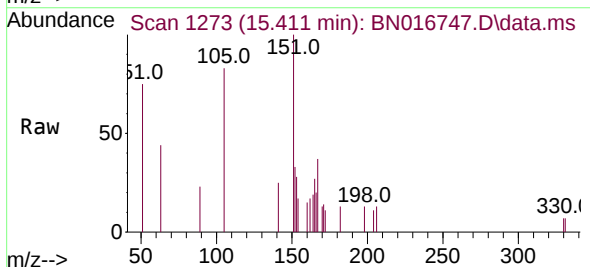
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BNA_N
ClientSampleId :

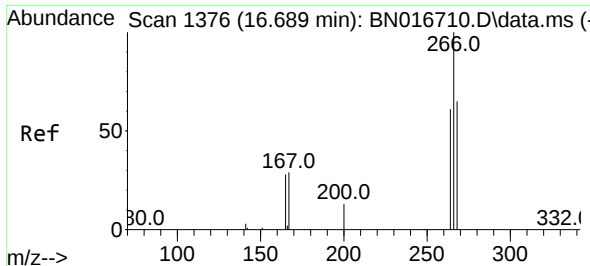
Tgt Ion:188 Resp: 119633
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.274 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

Tgt Ion:198 Resp: 75
Ion Ratio Lower Upper
198 100
182 101.2 26.2 39.2#
77 0.0 0.0 0.0

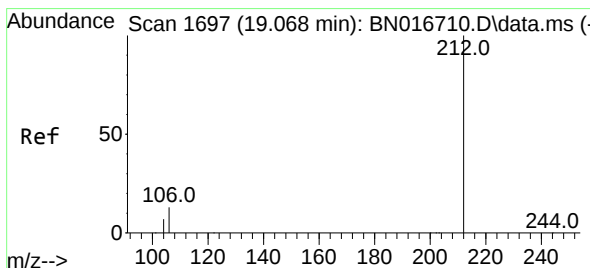
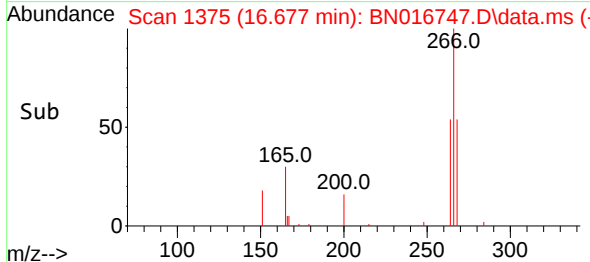
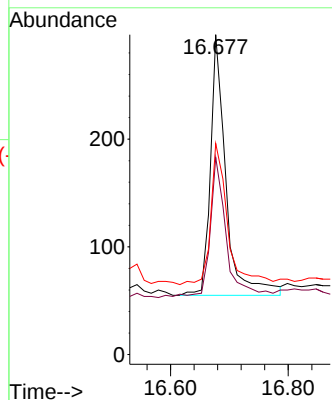
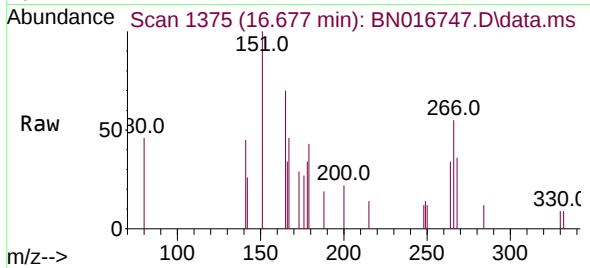




#24
 Pentachlorophenol
 Concen: 0.349 ng
 RT: 16.677 min Scan# 1375
 Delta R.T. -0.012 min
 Lab File: BN016747.D
 Acq: 05 Oct 2021 16:59

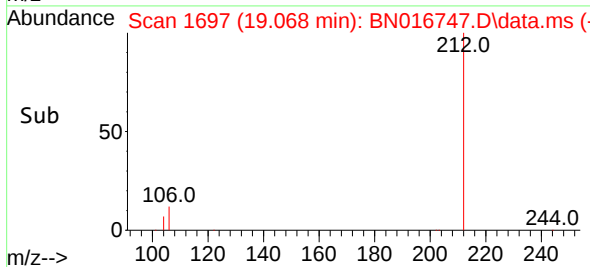
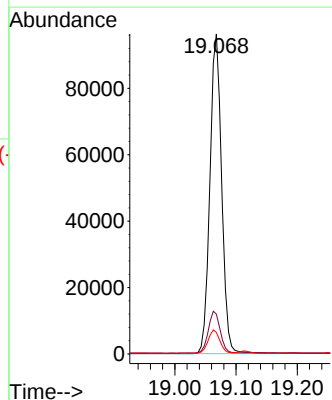
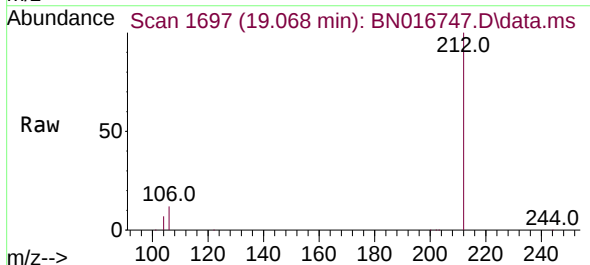
Instrument :
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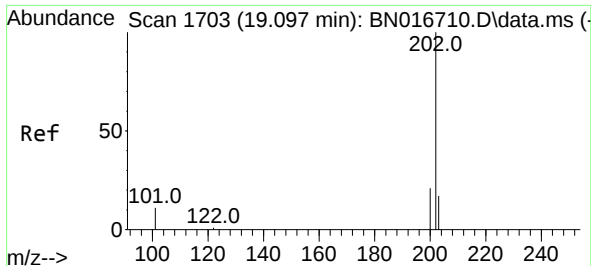
Tgt Ion:266 Resp: 443
 Ion Ratio Lower Upper
 266 100
 264 54.0 49.3 73.9
 268 58.2 51.8 77.8



#27
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN016747.D
 Acq: 05 Oct 2021 16:59

Tgt Ion:212 Resp: 128169
 Ion Ratio Lower Upper
 212 100
 106 13.2 10.6 16.0
 104 7.3 5.8 8.8

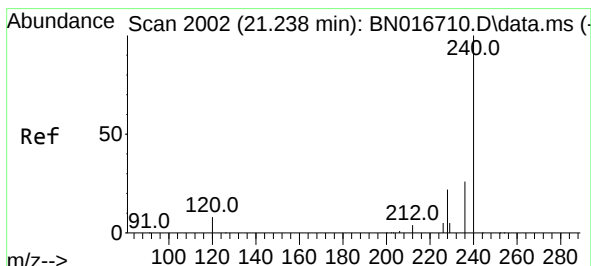
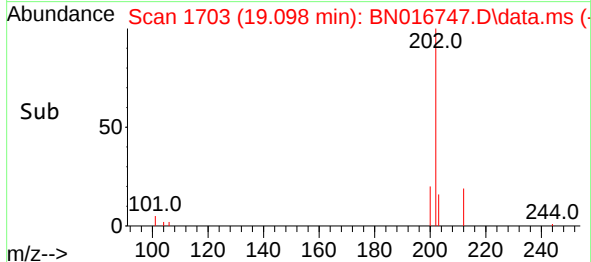
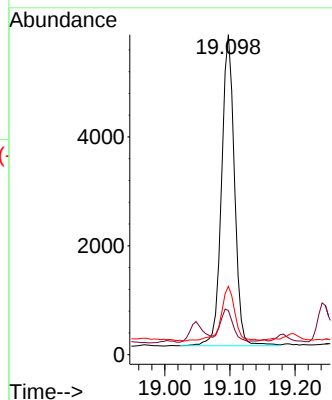
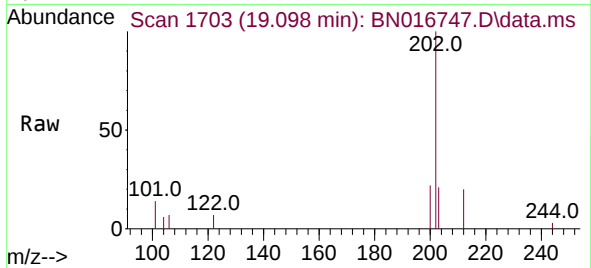




#28
Fluoranthene
Concen: 0.020 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

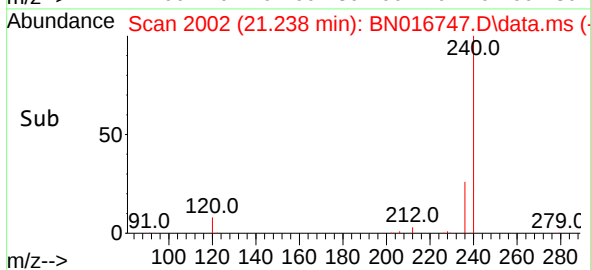
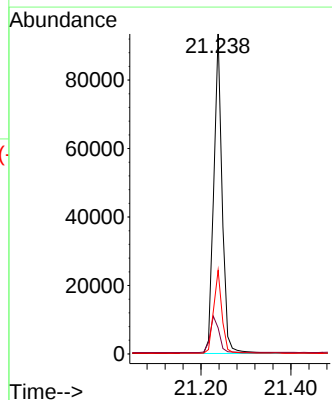
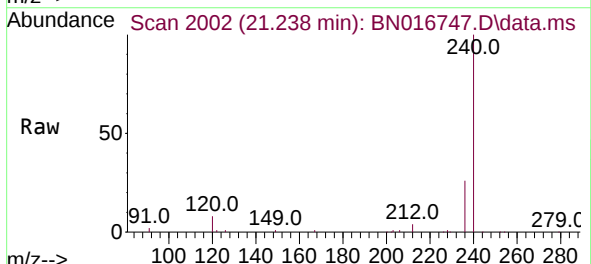
Instrument :
BNA_N
ClientSampleId :

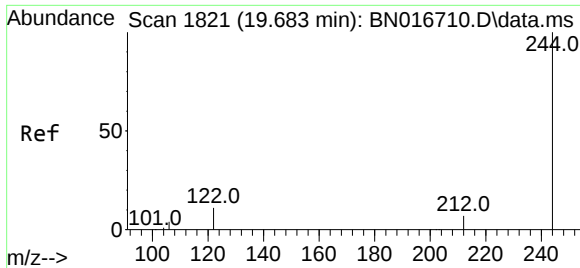
Tgt Ion:202 Resp: 7908
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
203 18.8 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

Tgt Ion:240 Resp: 120630
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 26.1 20.7 31.1

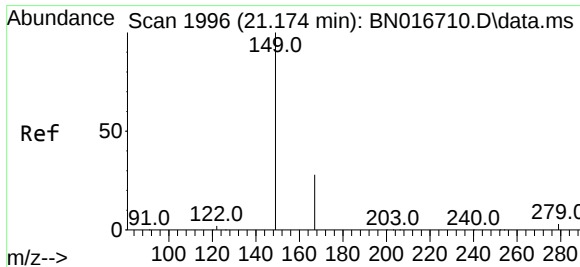
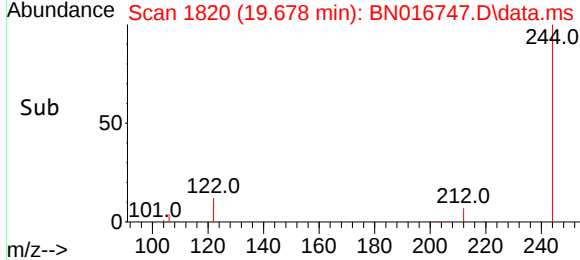
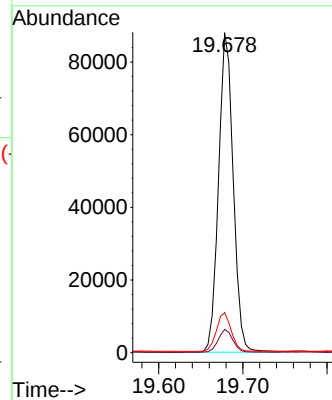
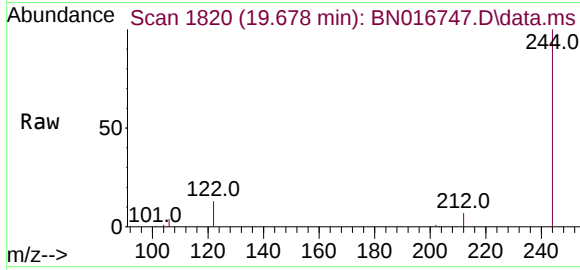




#31
 Terphenyl-d14
 Concen: 0.394 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. -0.005 min
 Lab File: BN016747.D
 Acq: 05 Oct 2021 16:59

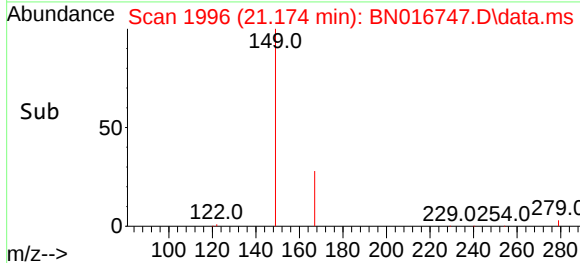
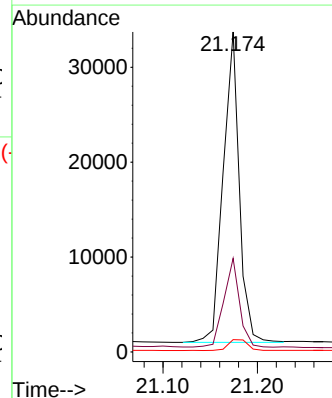
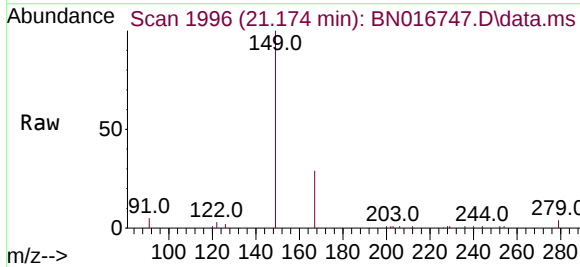
Instrument :
 BNA_N
 ClientSampleId :

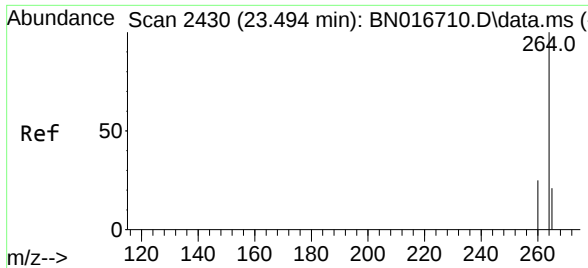
Tgt Ion:244	Resp:	106453
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.8 8.6
122	12.5	8.9 13.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.171 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BN016747.D
 Acq: 05 Oct 2021 16:59

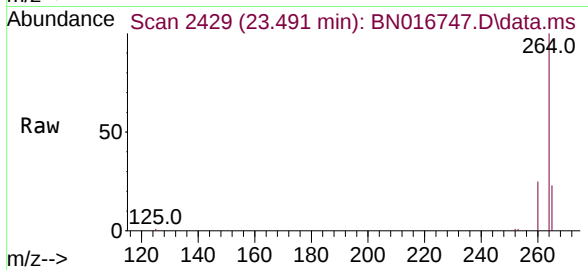
Tgt Ion:149	Resp:	38705
Ion Ratio	Lower	Upper
149	100	
167	27.7	22.2 33.4
279	4.3	3.4 5.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BN016747.D
Acq: 05 Oct 2021 16:59

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 125337
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 23.0 20.3 30.5

