

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
 Data File : BN016970.D
 Acq On : 15 Oct 2021 03:56
 Operator : CG/JU
 Sample : M4190-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 15 04:26:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 17:01:23 2021
 Response via : Initial Calibration

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

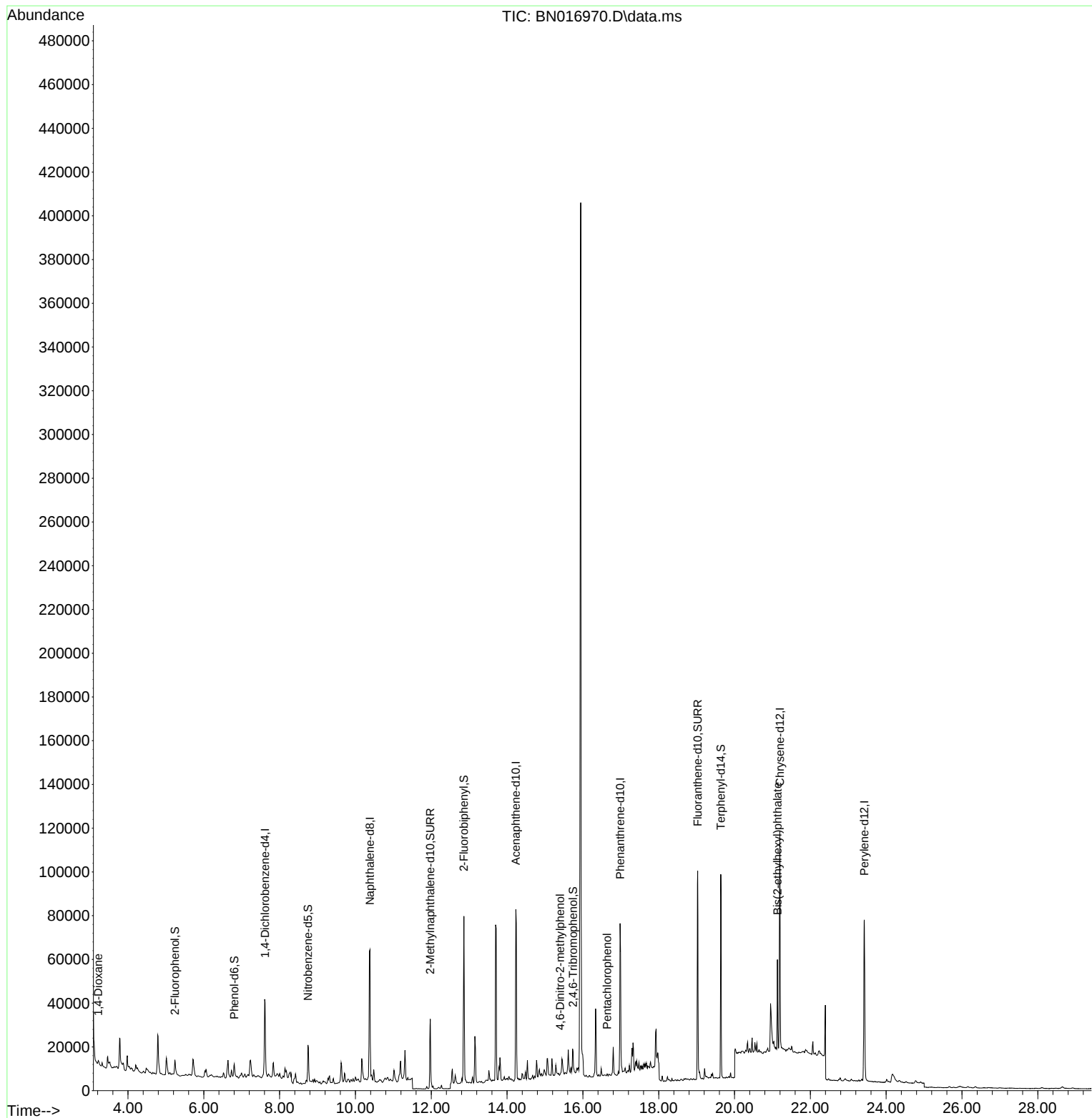
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	20169	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	91988	0.400	ng	0.00
13) Acenaphthene-d10	14.231	164	50737	0.400	ng	-0.01
19) Phenanthrene-d10	16.981	188	96547	0.400	ng	#-0.01
29) Chrysene-d12	21.196	240	93321	0.400	ng	0.00
35) Perylene-d12	23.423	264	96762	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	7909	0.158	ng	0.02
5) Phenol-d6	6.803	99	7105	0.127	ng	0.00
8) Nitrobenzene-d5	8.747	82	17268	0.295	ng	-0.01
11) 2-Methylnaphthalene-d10	11.972	152	42755	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.741	330	10009	0.438	ng	0.00
15) 2-Fluorobiphenyl	12.861	172	58913	0.305	ng	0.00
27) Fluoranthene-d10	19.028	212	104466	0.426	ng	0.00
31) Terphenyl-d14	19.639	244	91352	0.441	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.217	88	309	0.024	ng	# 18
20) 4,6-Dinitro-2-methylph...	15.398	198	27	0.267	ng	# 1
24) Pentachlorophenol	16.640	266	381	0.207	ng	95
34) Bis(2-ethylhexyl)phtha...	21.132	149	33981	0.353	ng	95

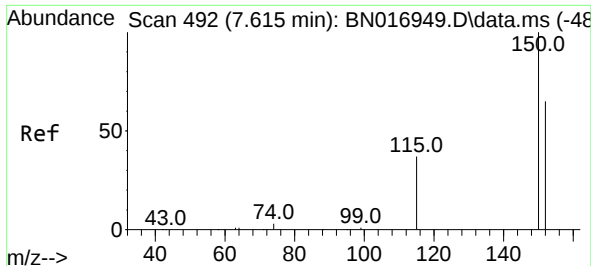
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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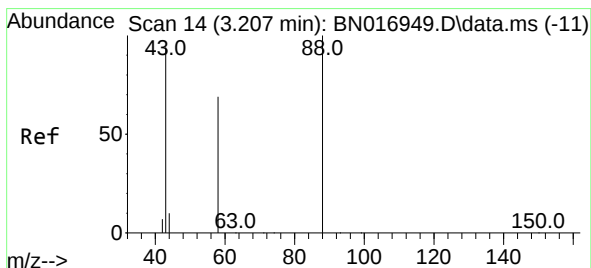
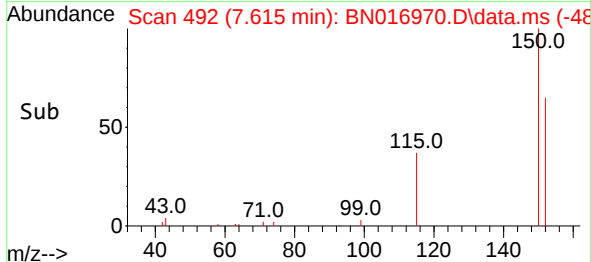
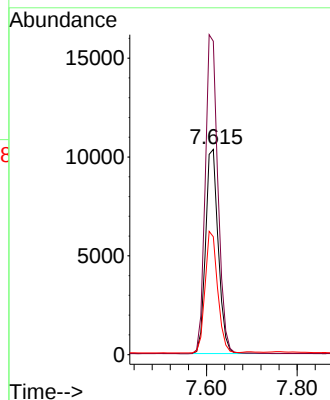
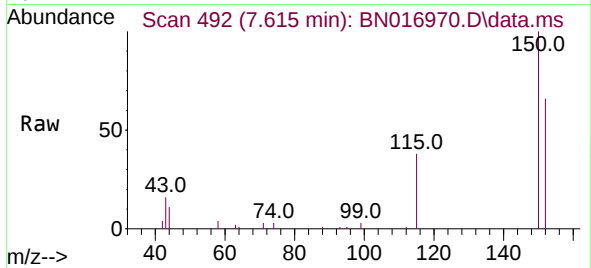




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.615 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN016970.D
 Acq: 15 Oct 2021 03:56

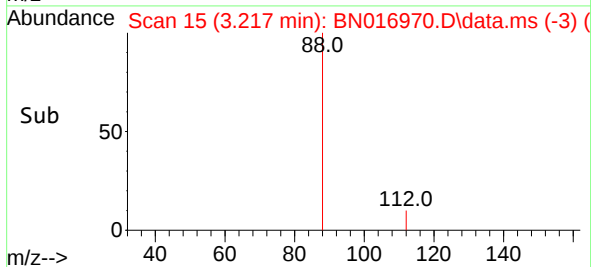
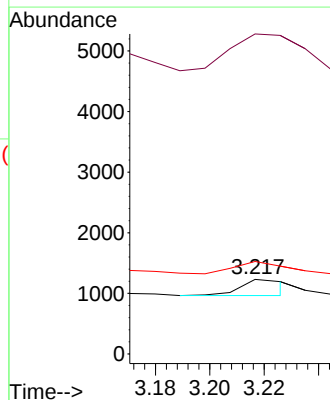
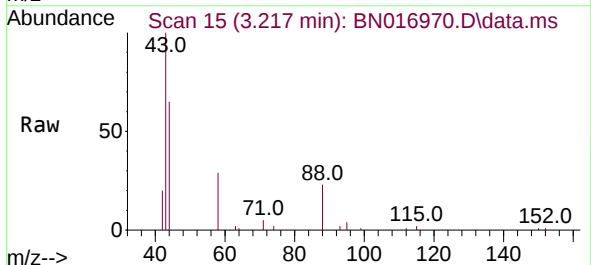
Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

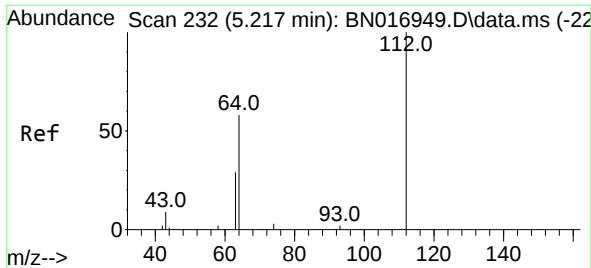
Tgt Ion:152 Resp: 20169
 Ion Ratio Lower Upper
 152 100
 150 152.7 122.2 183.4
 115 57.4 46.1 69.1



#2
 1,4-Dioxane
 Concen: 0.024 ng
 RT: 3.217 min Scan# 15
 Delta R.T. 0.009 min
 Lab File: BN016970.D
 Acq: 15 Oct 2021 03:56

Tgt Ion: 88 Resp: 309
 Ion Ratio Lower Upper
 88 100
 43 284.8 107.1 160.7#
 58 75.4 62.4 93.6

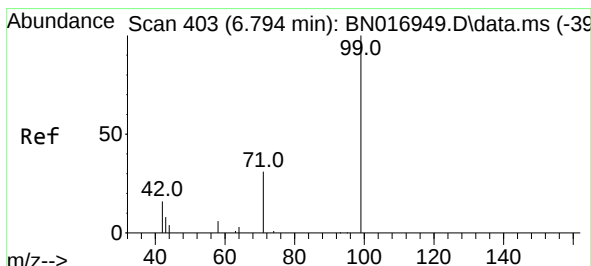
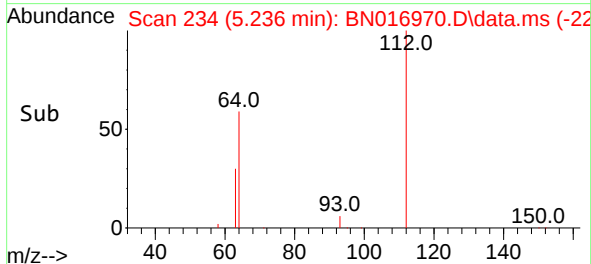
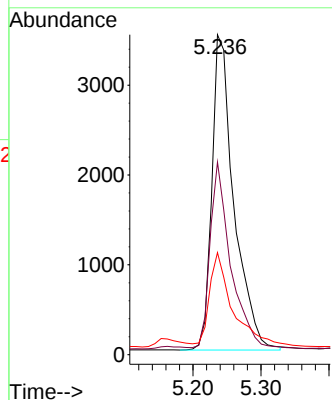
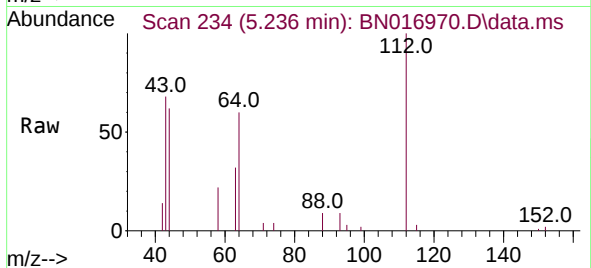




#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.236 min Scan# 234
Delta R.T. 0.019 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

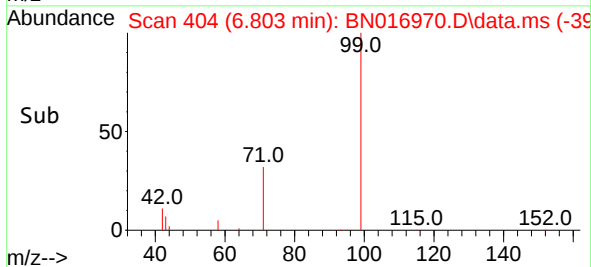
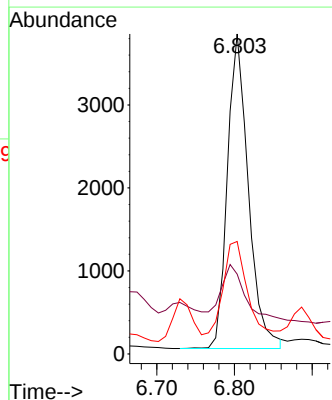
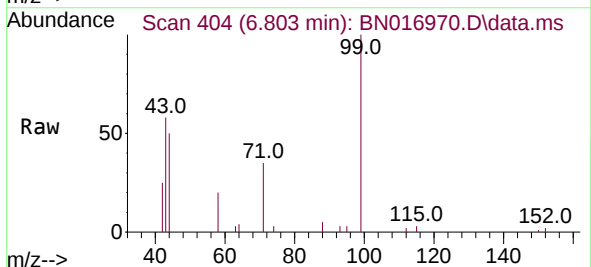
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

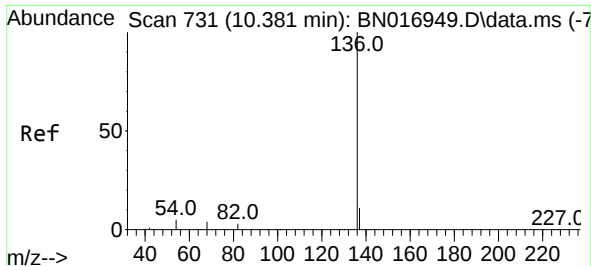
Tgt Ion:	112	Resp:	7909
Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.7	67.1
63	29.2	22.6	33.8



#5
Phenol-d6
Concen: 0.127 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

Tgt Ion:	99	Resp:	7105
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.2	21.4
71	32.6	24.6	36.8

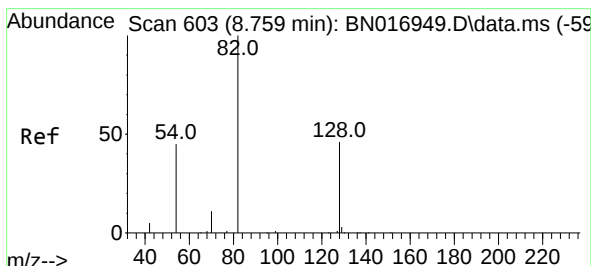
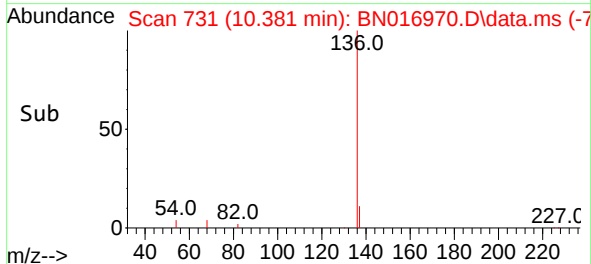
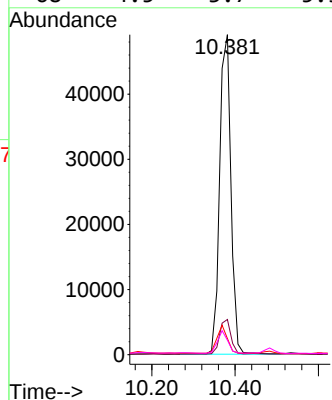
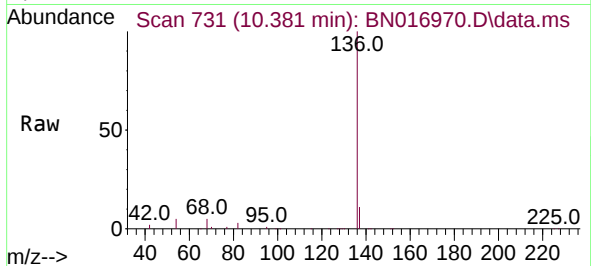




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

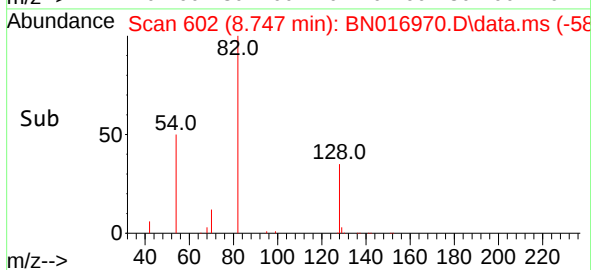
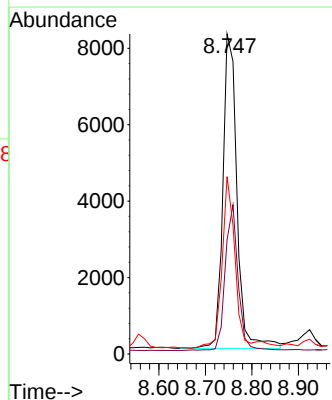
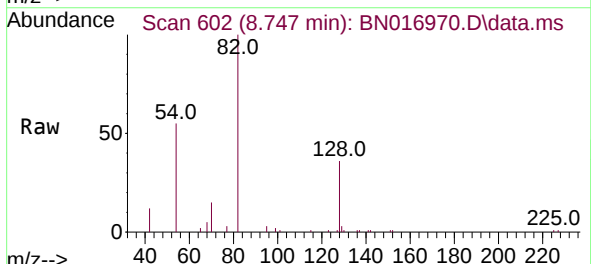
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

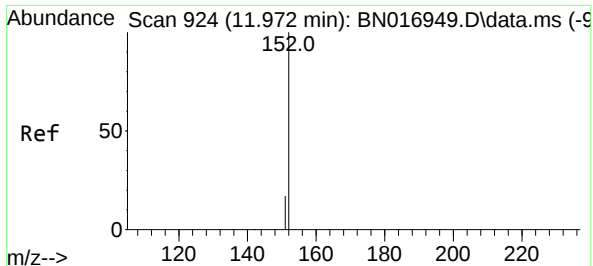
Tgt Ion:	136	Resp:	91988
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	5.0	4.3	6.5
68	4.5	3.7	5.5



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.747 min Scan# 602
Delta R.T. -0.013 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

Tgt Ion:	82	Resp:	17268
Ion Ratio	Lower	Upper	
82	100		
128	35.7	37.0	55.4#
54	55.4	36.2	54.4#

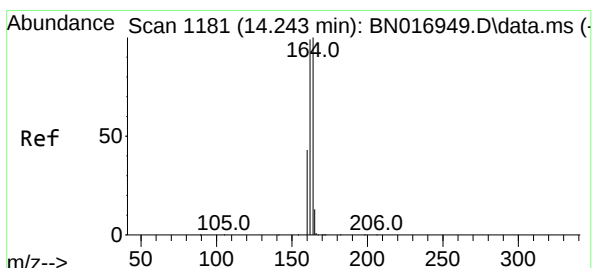
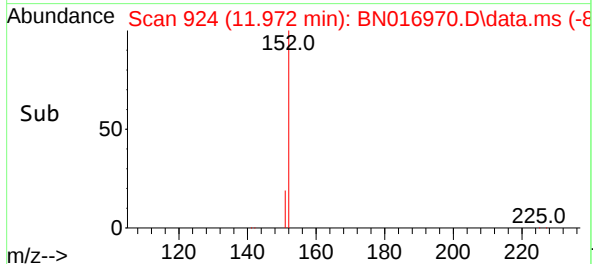
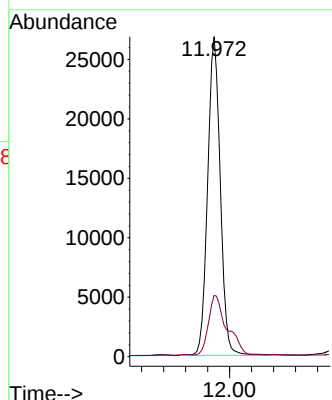
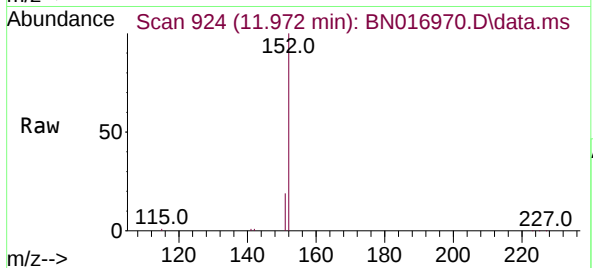




#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.972 min Scan# 924
Delta R.T. 0.000 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

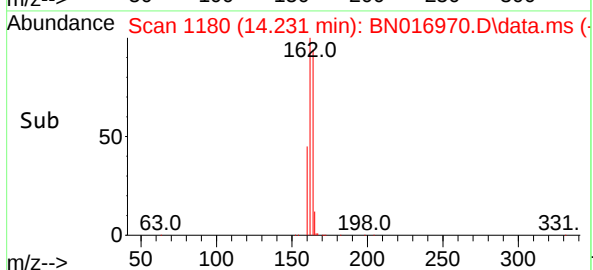
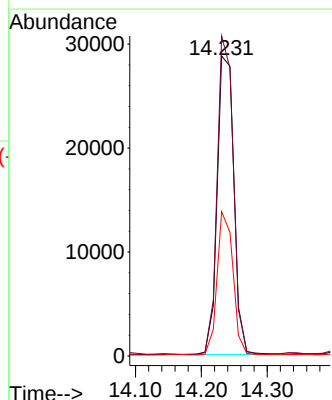
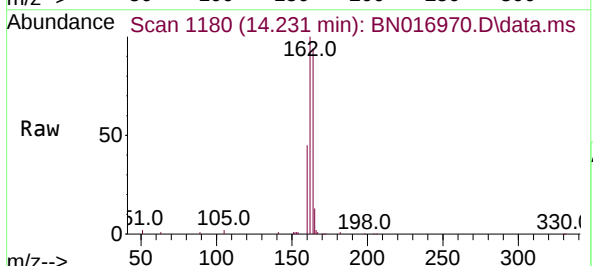
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

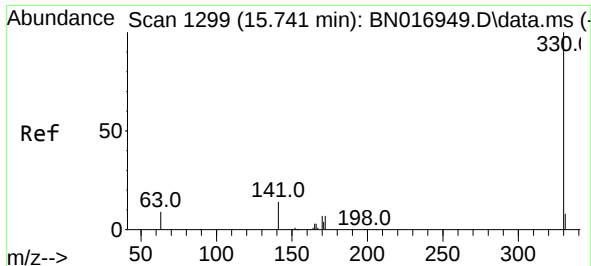
Tgt Ion:152 Resp: 42755
Ion Ratio Lower Upper
152 100
151 27.0 16.3 24.5#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1180
Delta R.T. -0.013 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

Tgt Ion:164 Resp: 50737
Ion Ratio Lower Upper
164 100
162 106.7 79.1 118.7
160 48.1 34.7 52.1

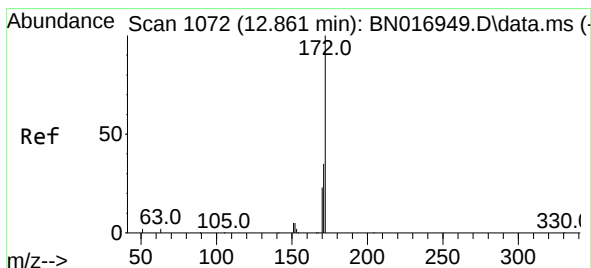
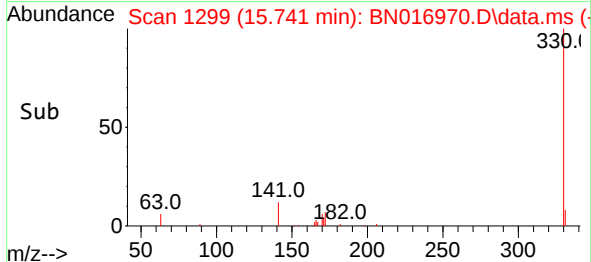
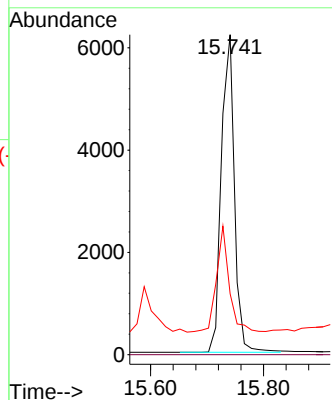
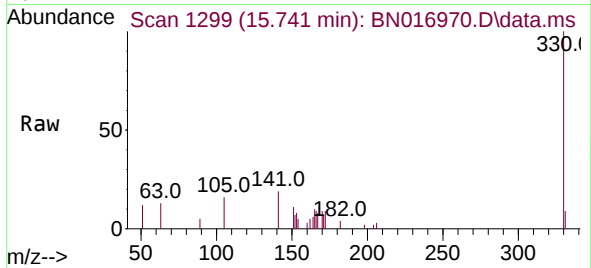




#14
2,4,6-Tribromophenol
Concen: 0.438 ng
RT: 15.741 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

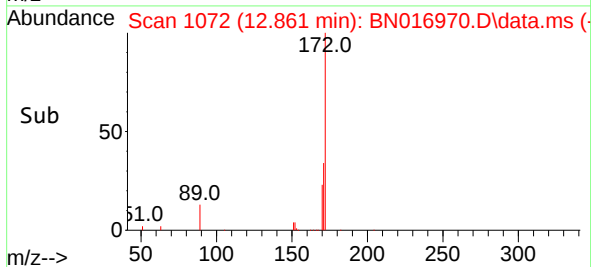
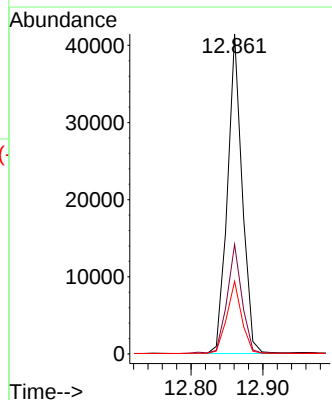
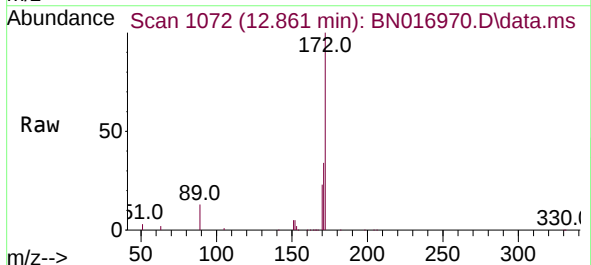
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ClientSampleId :
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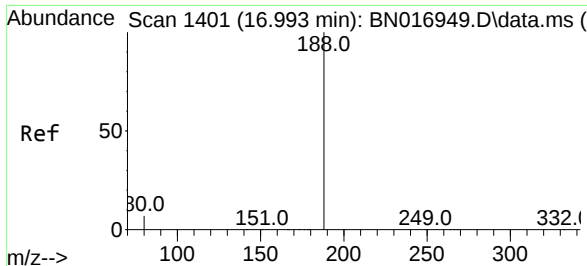
Tgt Ion:330 Resp: 10009
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.4 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.861 min Scan# 1072
Delta R.T. 0.000 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

Tgt Ion:172 Resp: 58913
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 22.7 18.6 27.8

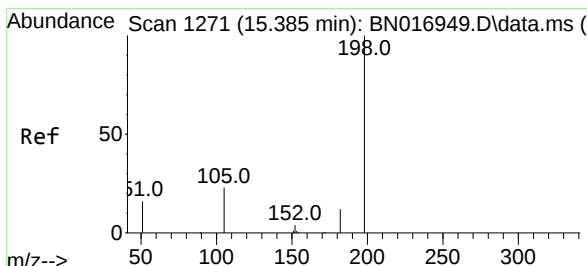
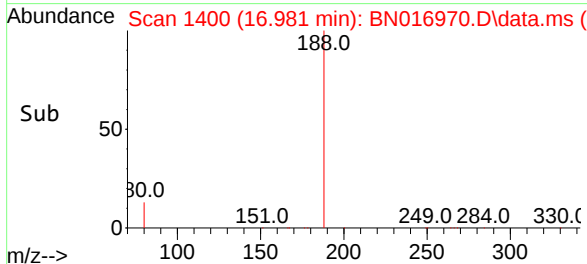
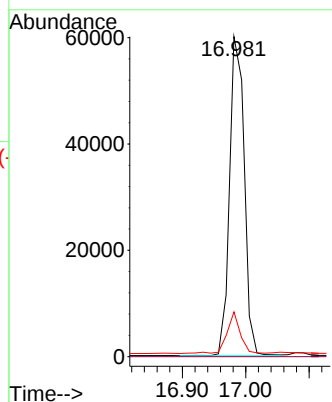
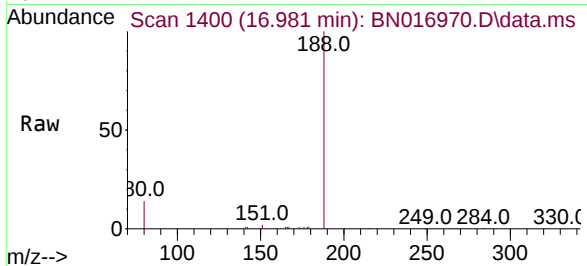




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.981 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

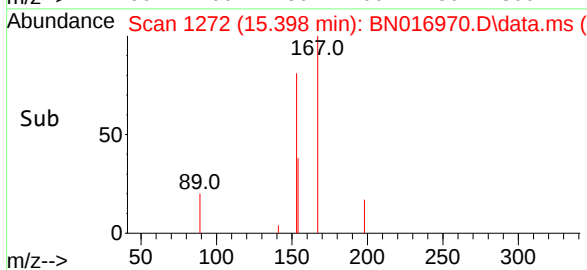
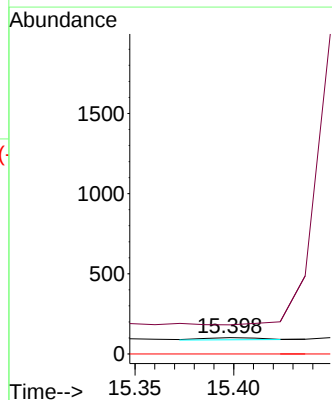
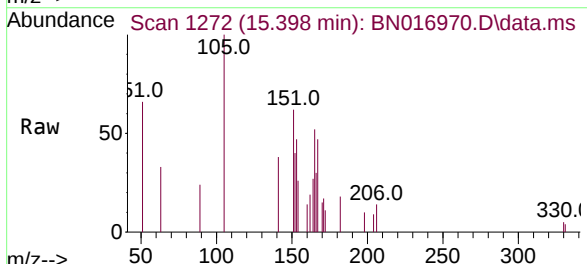
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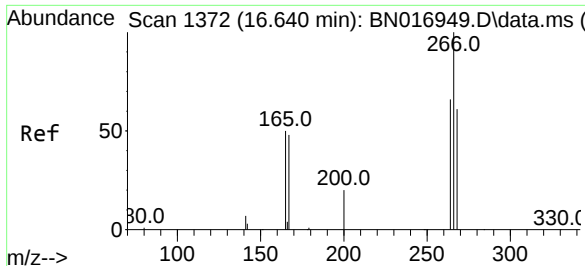
Tgt Ion:188	Resp:	96547
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	14.0	5.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.398 min Scan# 1272
Delta R.T. 0.013 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

Tgt Ion:198	Resp:	27
Ion Ratio	Lower	Upper
198	100	
182	178.4	11.5
77	0.0	0.0

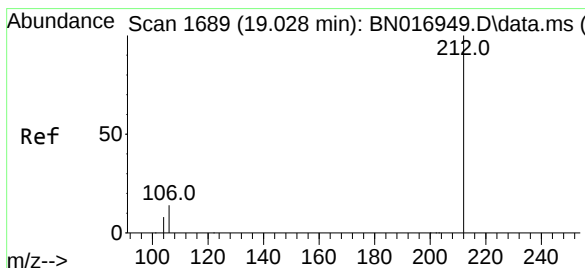
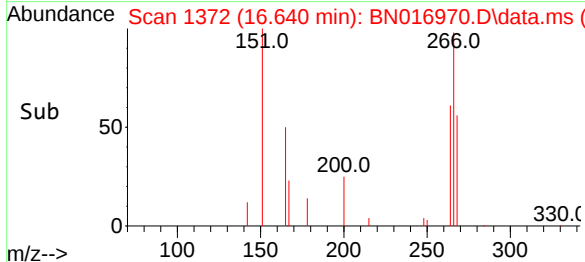
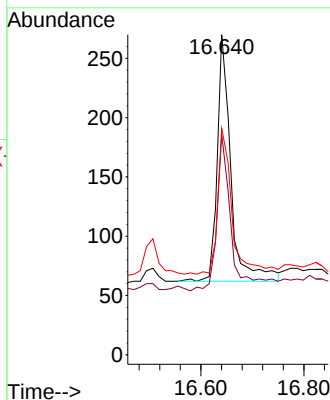
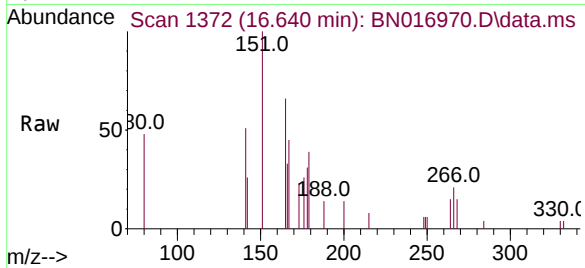




#24
 Pentachlorophenol
 Concen: 0.207 ng
 RT: 16.640 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: BN016970.D
 Acq: 15 Oct 2021 03:56

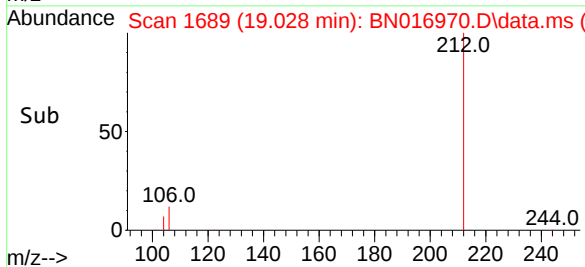
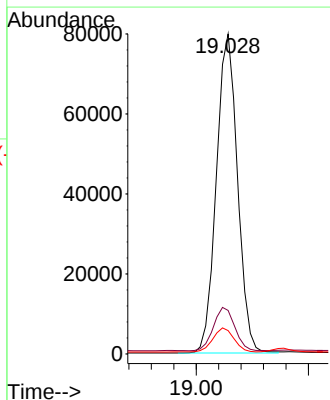
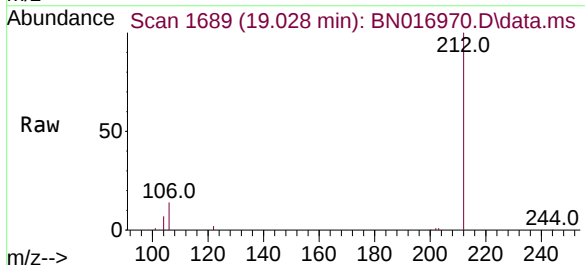
Instrument :
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 P287-DITCH

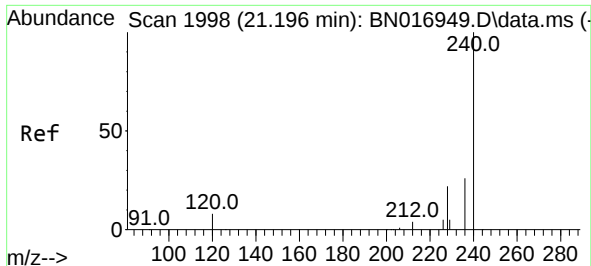
Tgt Ion:	266	Resp:	381
Ion Ratio	Lower	Upper	
266	100		
264	68.8	50.3	75.5
268	62.2	51.1	76.7



#27
 Fluoranthene-d10
 Concen: 0.426 ng
 RT: 19.028 min Scan# 1689
 Delta R.T. 0.000 min
 Lab File: BN016970.D
 Acq: 15 Oct 2021 03:56

Tgt Ion:	212	Resp:	104466
Ion Ratio	Lower	Upper	
212	100		
106	13.6	10.9	16.3
104	7.6	6.0	9.0

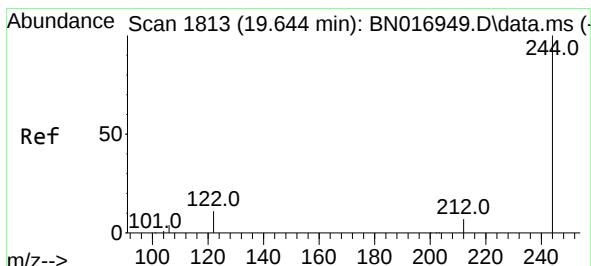
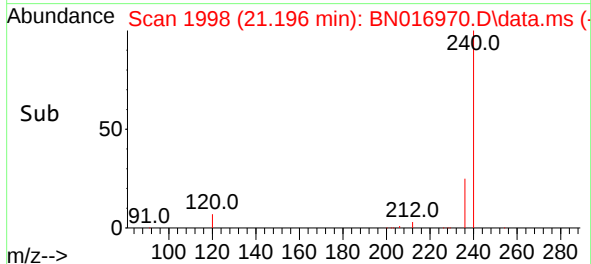
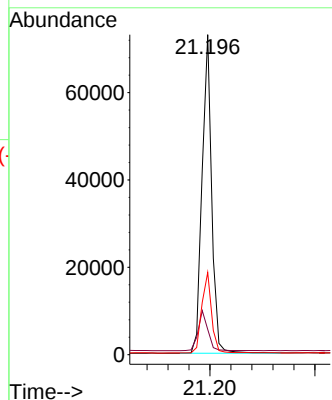
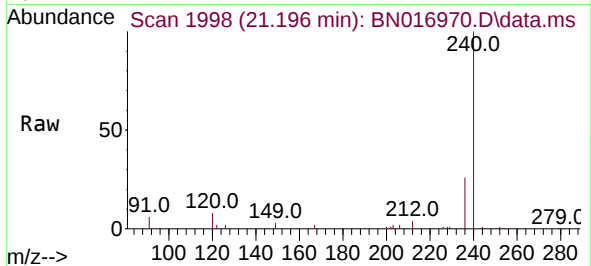




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

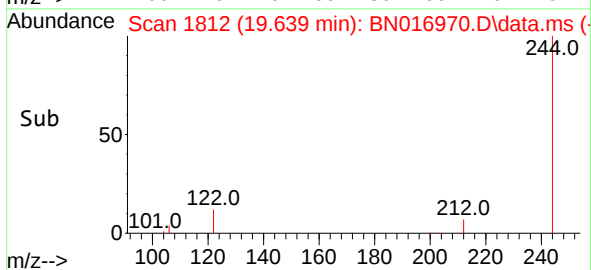
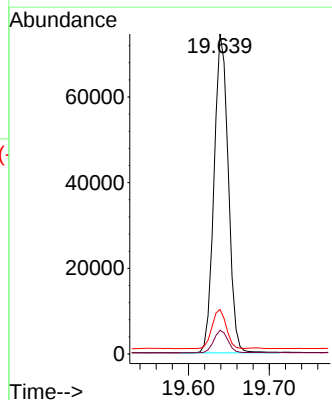
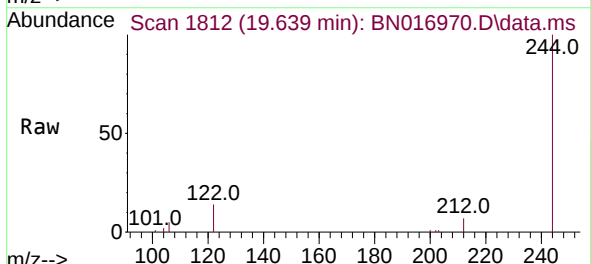
Instrument :
BNA_N
ClientSampleId :
P287-DITCH

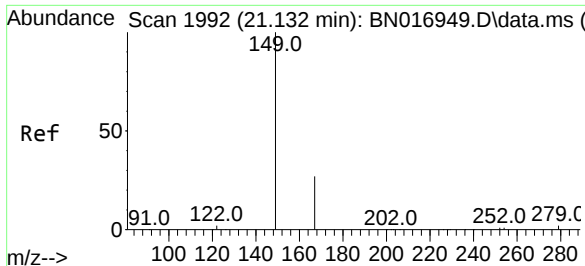
Tgt Ion:240 Resp: 93321
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 25.7 20.8 31.2



#31
Terphenyl-d14
Concen: 0.441 ng
RT: 19.639 min Scan# 1812
Delta R.T. -0.005 min
Lab File: BN016970.D
Acq: 15 Oct 2021 03:56

Tgt Ion:244 Resp: 91352
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 13.9 9.2 13.8#

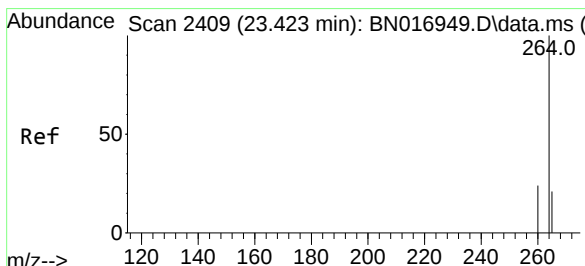
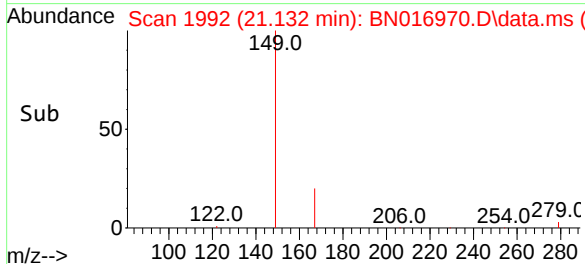
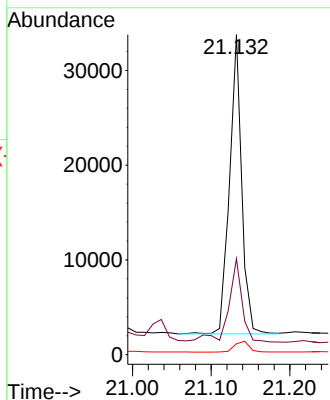
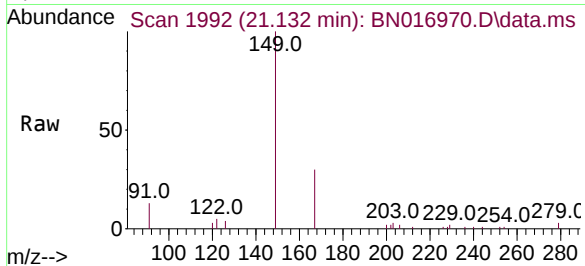




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.353 ng
 RT: 21.132 min Scan# 1992
 Delta R.T. 0.000 min
 Lab File: BN016970.D
 Acq: 15 Oct 2021 03:56

Instrument :
 BNA_N
 ClientSampleId :
 P287-DITCH

Tgt Ion:149 Resp: 33981
 Ion Ratio Lower Upper
 149 100
 167 30.8 22.0 33.0
 279 4.4 3.4 5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.423 min Scan# 2409
 Delta R.T. 0.000 min
 Lab File: BN016970.D
 Acq: 15 Oct 2021 03:56

Tgt Ion:264 Resp: 96762
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 23.7 18.8 28.2

