

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016720.D
 Acq On : 04 Oct 2021 21:23
 Operator : CG/JU
 Sample : M4045-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-818-N-SO-1-1.5-100121

Quant Time: Oct 05 03:34:55 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

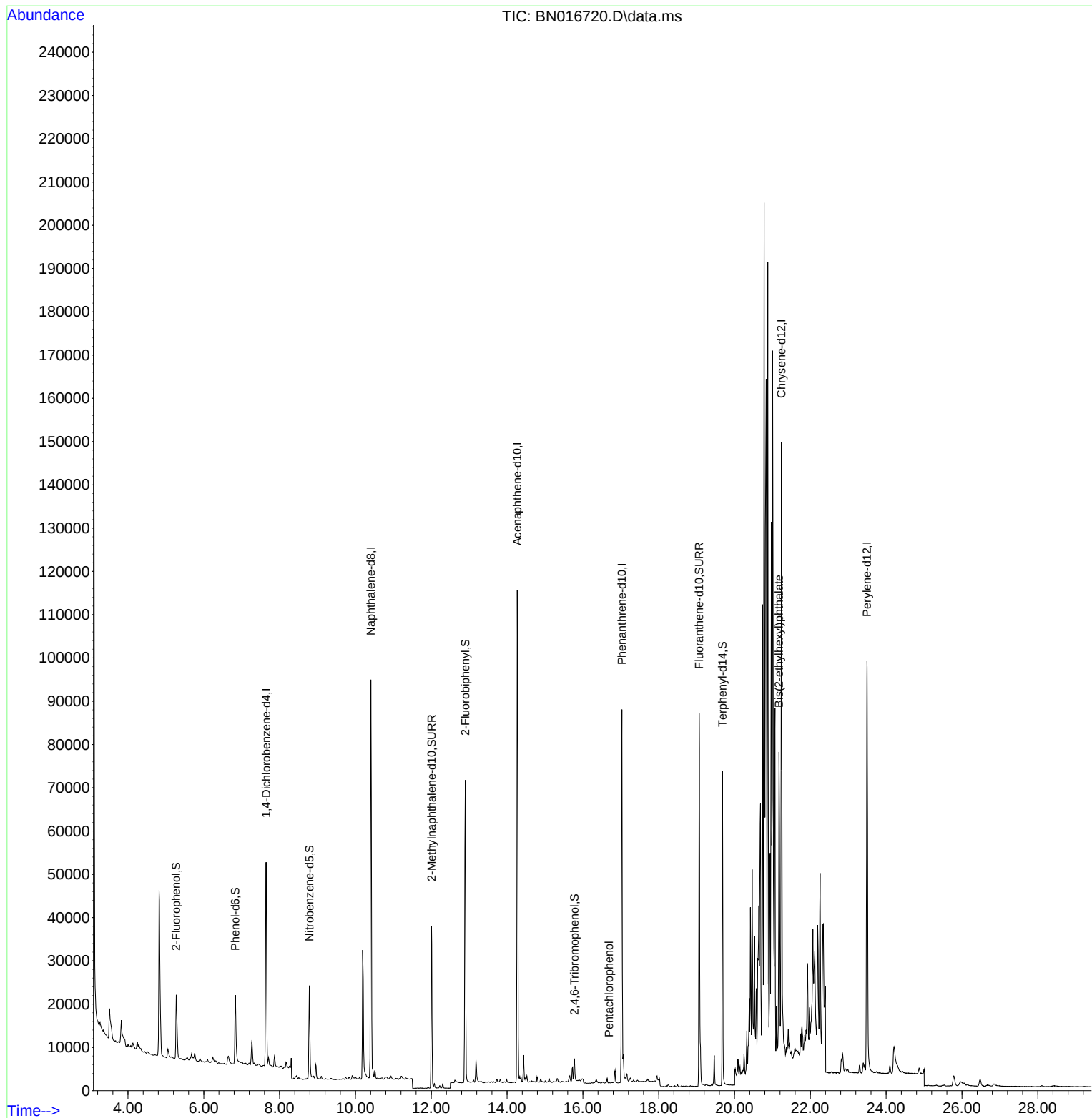
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27910	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	126746	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	67709	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	127805	0.40	ng	0.00
29) Chrysene-d12	21.238	240	122405	0.40	ng	0.00
35) Perylene-d12	23.495	264	131998	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	17902	0.25	ng	0.02
5) Phenol-d6	6.831	99	17967	0.23	ng	0.00
8) Nitrobenzene-d5	8.784	82	19004	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	50879	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	5473	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	64334	0.24	ng	0.00
27) Fluoranthene-d10	19.068	212	97469	0.28	ng	0.00
31) Terphenyl-d14	19.683	244	75416	0.28	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.689	266	175	0.34	ng	89
34) Bis(2-ethylhexyl)phtha...	21.174	149	99539	0.43	ng	# 79

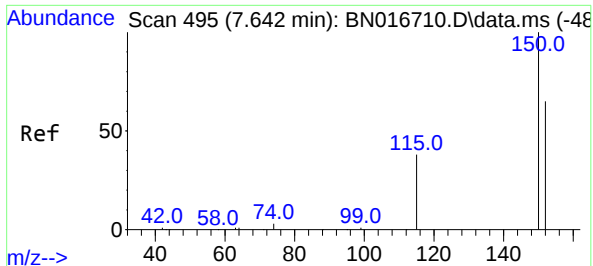
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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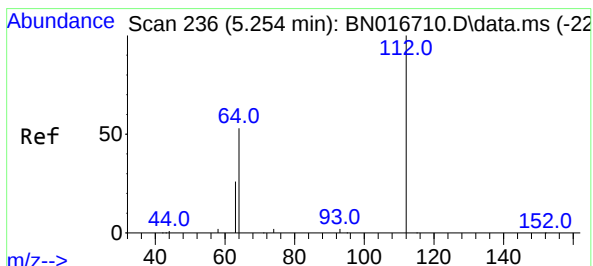
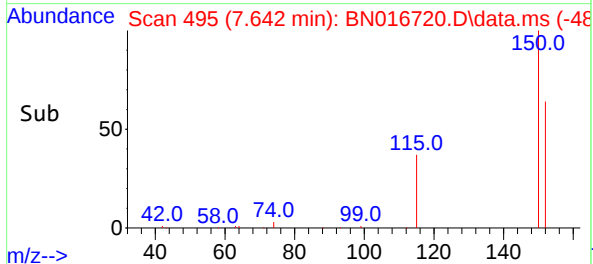
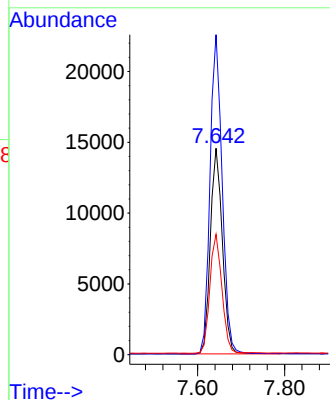
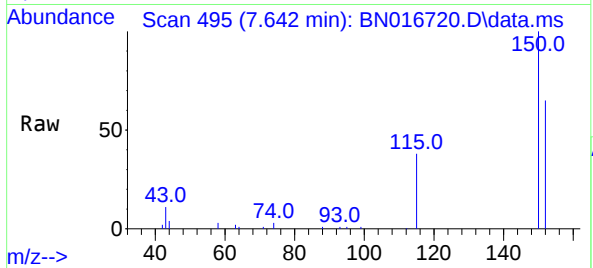




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

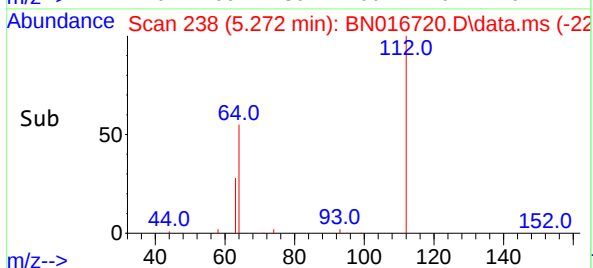
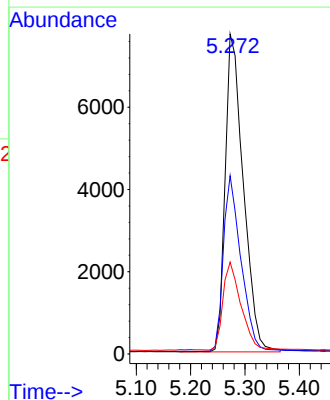
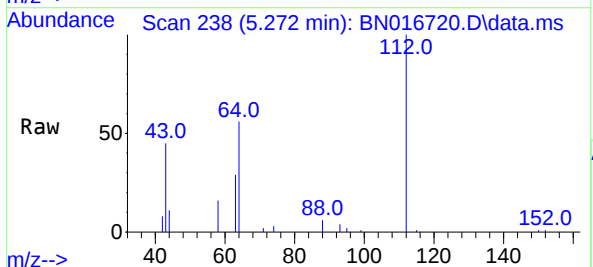
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BNA_N
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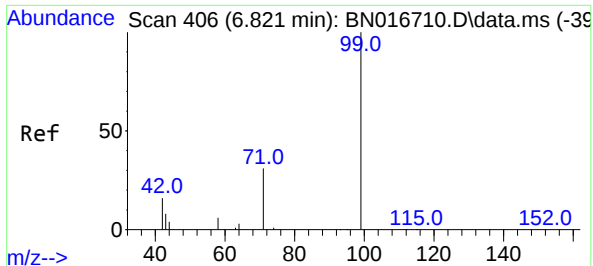
Tgt Ion:152 Resp: 27910
Ion Ratio Lower Upper
152 100
150 155.0 123.3 184.9
115 58.3 47.0 70.6



#4
2-Fluorophenol
Concen: 0.25 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:112 Resp: 17902
Ion Ratio Lower Upper
112 100
64 53.7 42.9 64.3
63 27.4 21.5 32.3

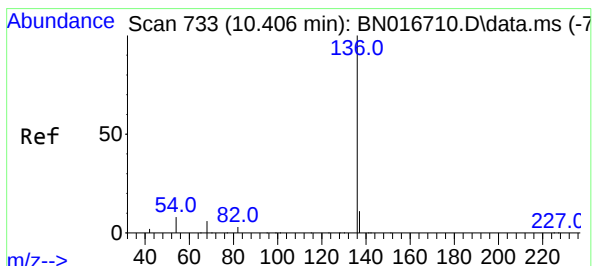
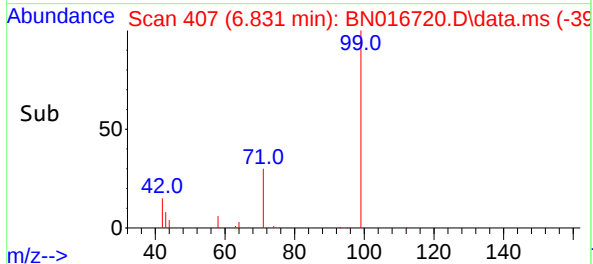
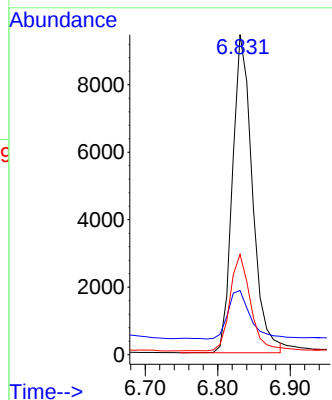
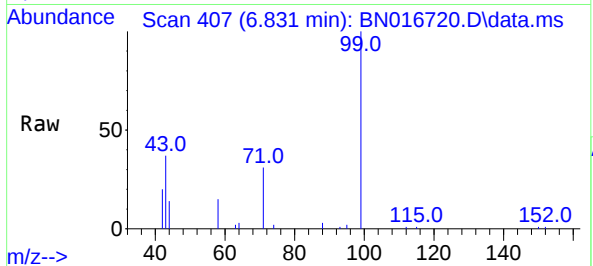




#5
Phenol-d6
Concen: 0.23 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

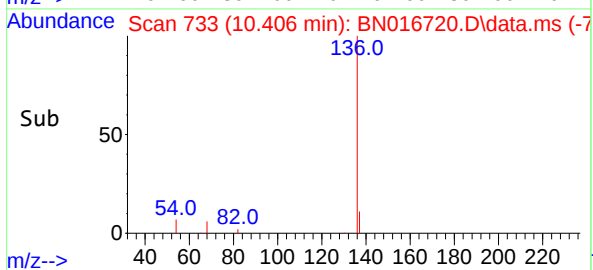
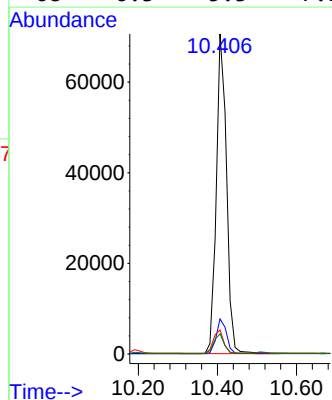
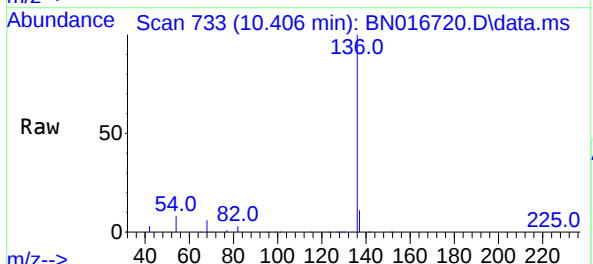
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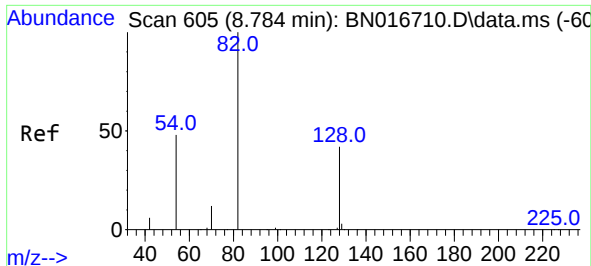
Tgt Ion:	99	Resp:	17967
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.4	20.2
71	30.7	24.0	36.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:	136	Resp:	126746
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.5	9.7
68	6.3	5.3	7.9

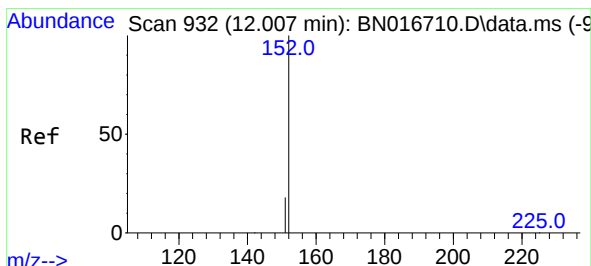
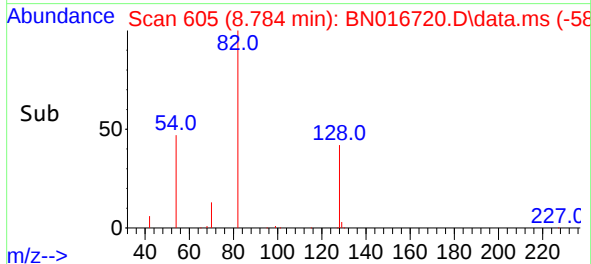
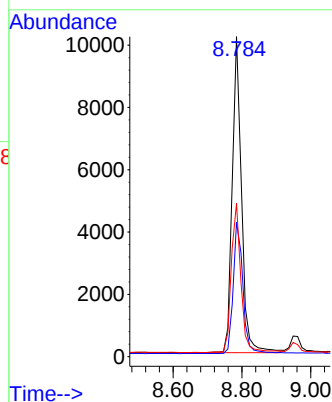
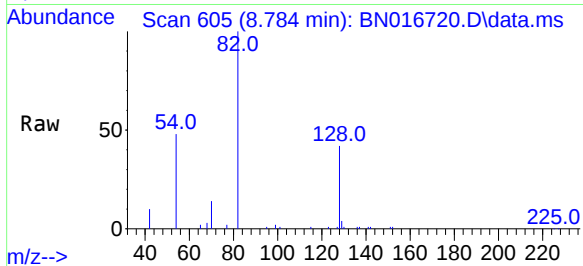




#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

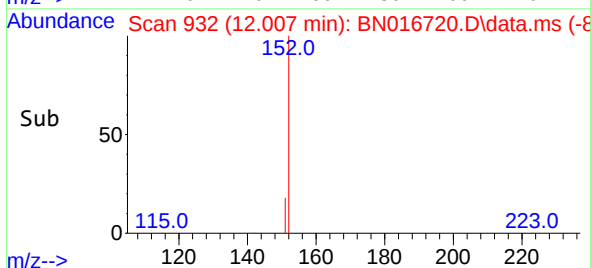
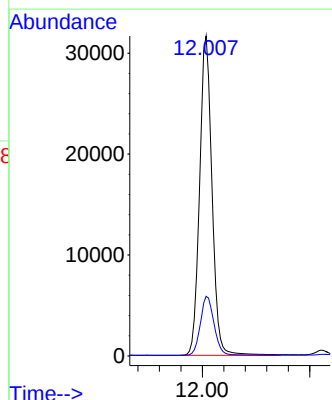
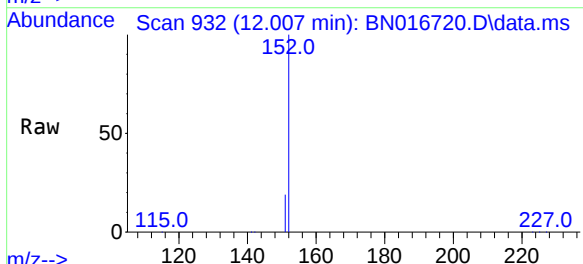
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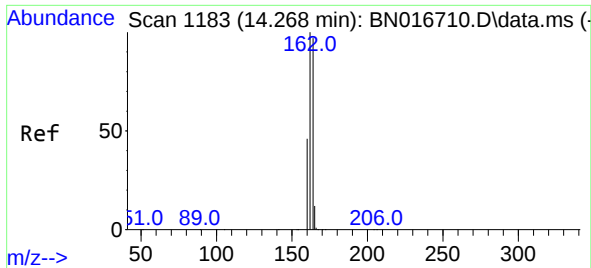
Tgt Ion: 82 Resp: 19004
Ion Ratio Lower Upper
82 100
128 42.0 33.8 50.6
54 47.9 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion: 152 Resp: 50879
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

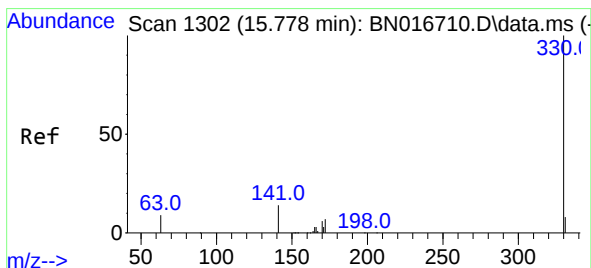
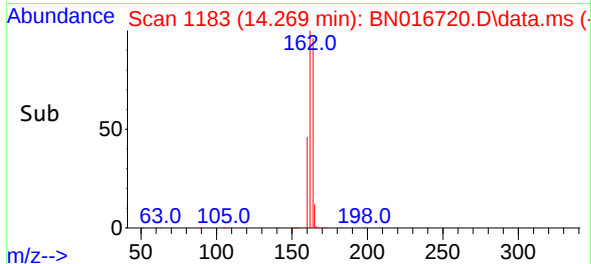
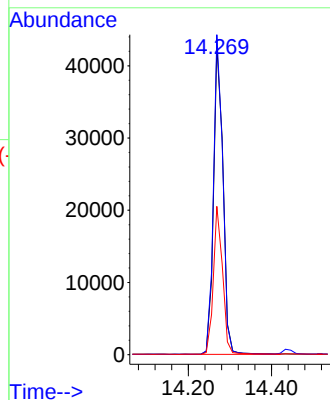
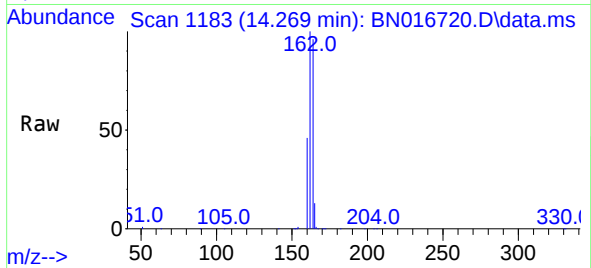




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

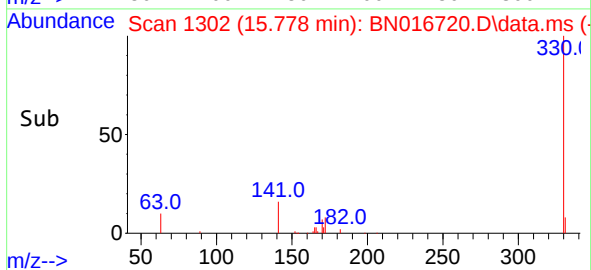
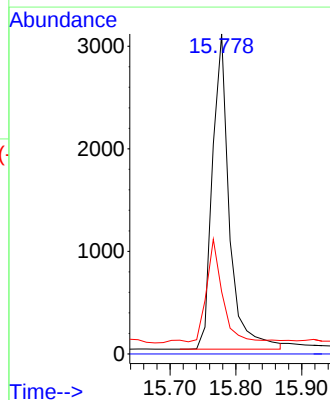
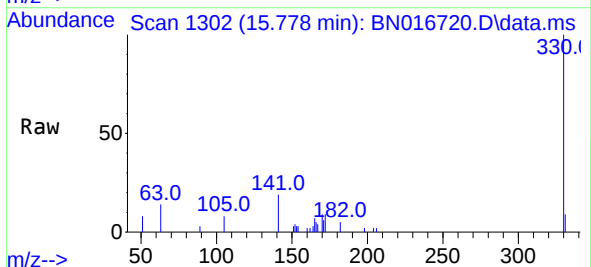
Instrument :
BNA_N
ClientSampleId :
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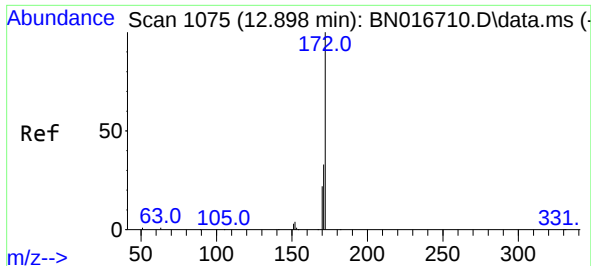
Tgt Ion:164 Resp: 67709
Ion Ratio Lower Upper
164 100
162 103.7 82.6 124.0
160 48.0 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:330 Resp: 5473
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.5 24.2 36.2

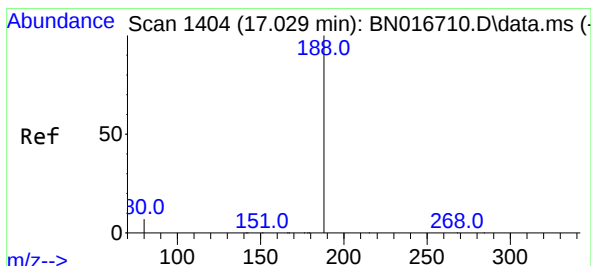
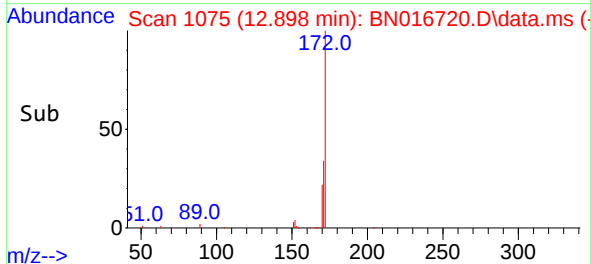
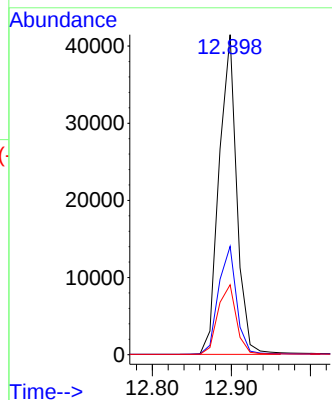
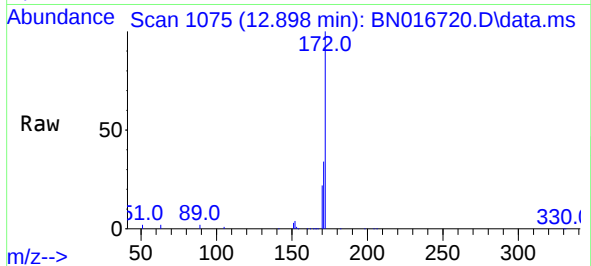




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

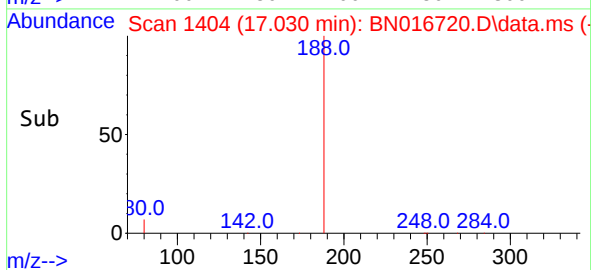
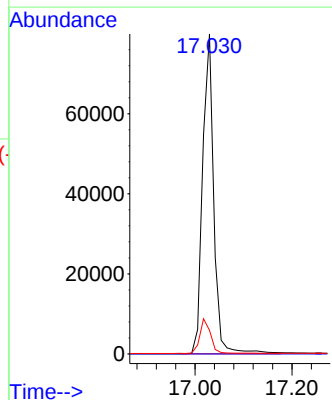
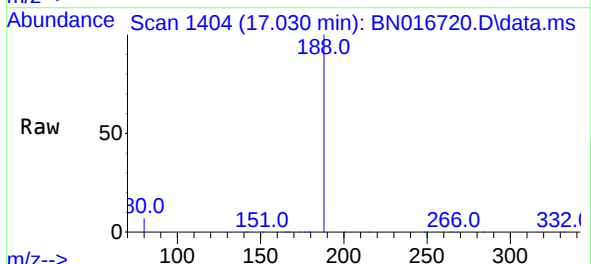
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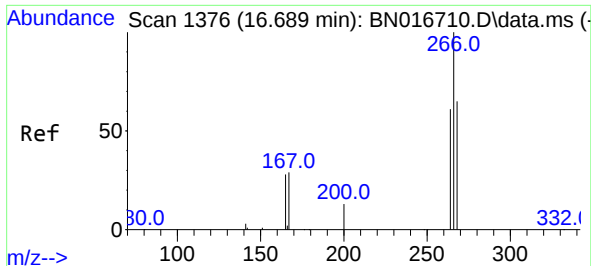
Tgt Ion:172	Resp:	64334
Ion Ratio	Lower	Upper
172	100	
171	33.9	26.9 40.3
170	21.9	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:188	Resp:	127805
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.4	5.8 8.8

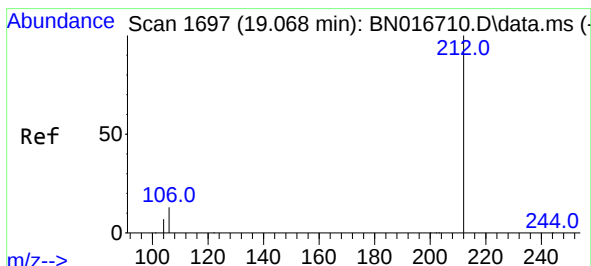
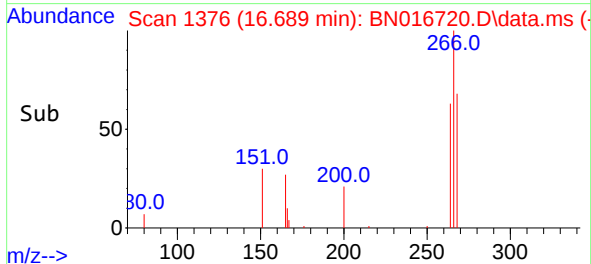
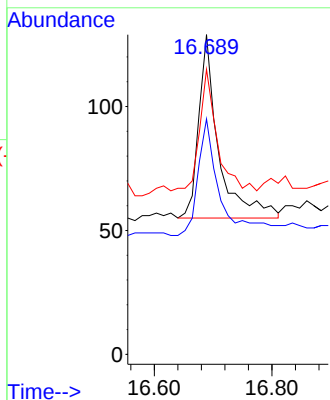
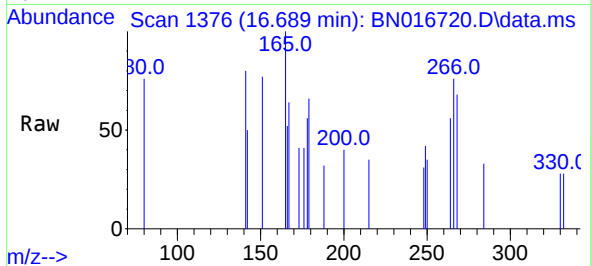




#24
Pentachlorophenol
Concen: 0.34 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

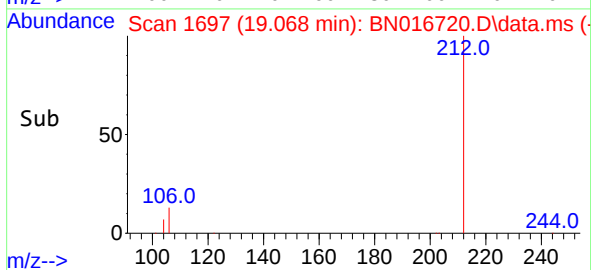
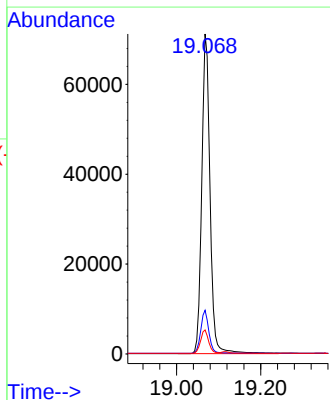
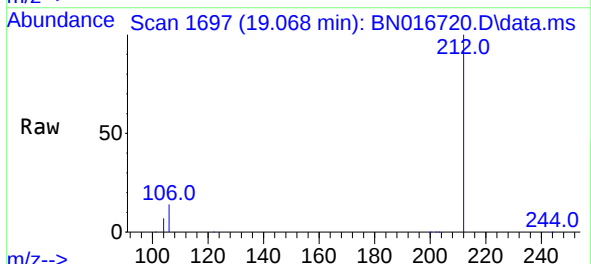
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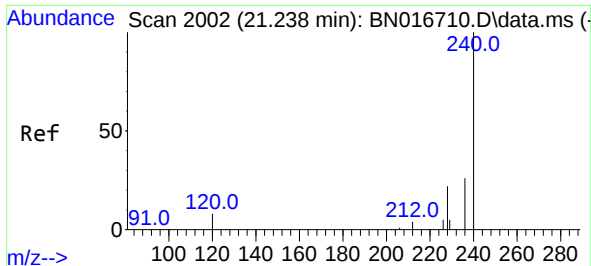
Tgt Ion:	266	Resp:	175
Ion	Ratio	Lower	Upper
266	100		
264	70.3	49.3	73.9
268	56.6	51.8	77.8



#27
Fluoranthene-d10
Concen: 0.28 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:	212	Resp:	97469
Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.1	5.8	8.8

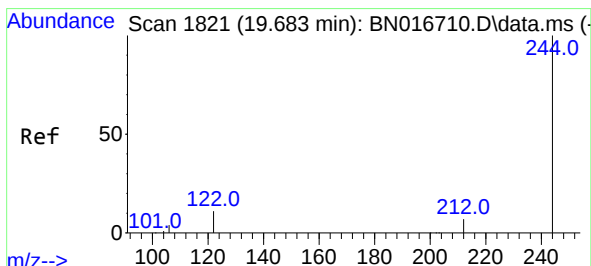
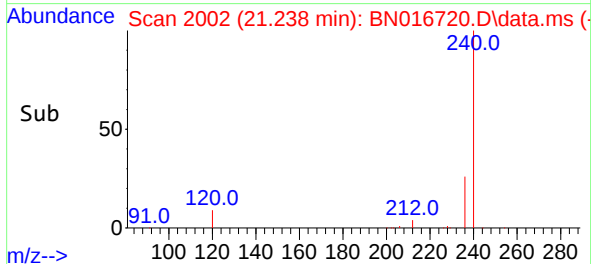
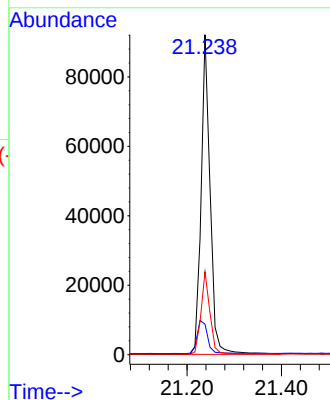
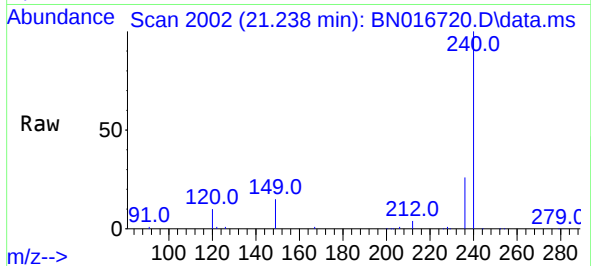




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

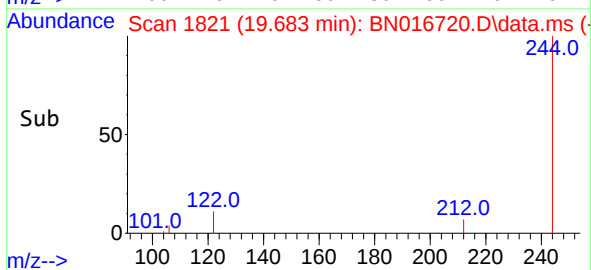
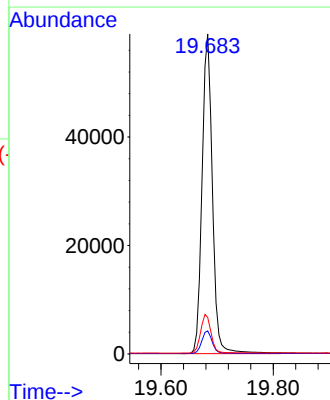
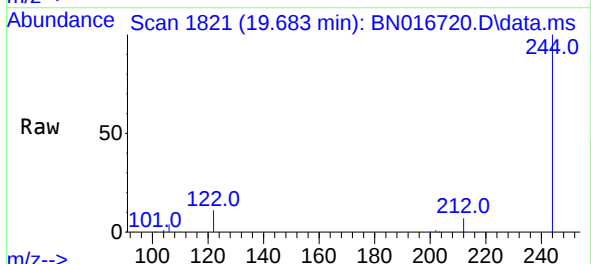
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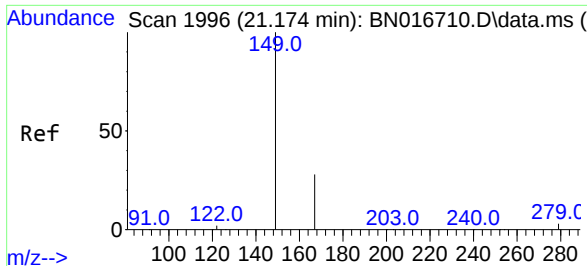
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Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 25.9 20.7 31.1



#31
Terphenyl-d14
Concen: 0.28 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:244 Resp: 75416
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 11.4 8.9 13.3

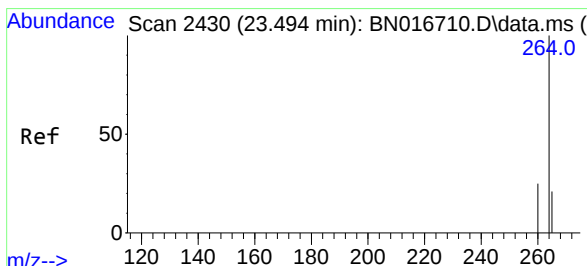
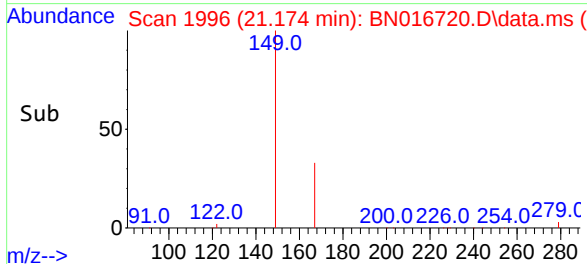
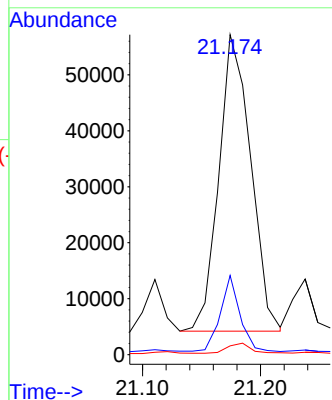
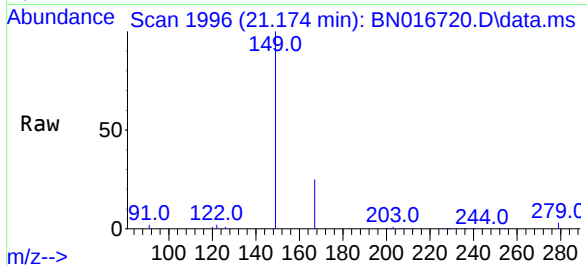




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121

Tgt Ion:149 Resp: 99539
Ion Ratio Lower Upper
149 100
167 15.7 22.2 33.4#
279 2.5 3.4 5.2#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.495 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN016720.D
Acq: 04 Oct 2021 21:23

Tgt Ion:264 Resp: 131998
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 23.9 20.3 30.5

