

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
 Data File : BN015916.D
 Acq On : 18 Aug 2021 02:01
 Operator : CG/JU
 Sample : M3364-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBKC5

Quant Time: Aug 18 03:00:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 17 09:43:53 2021
 Response via : Initial Calibration

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

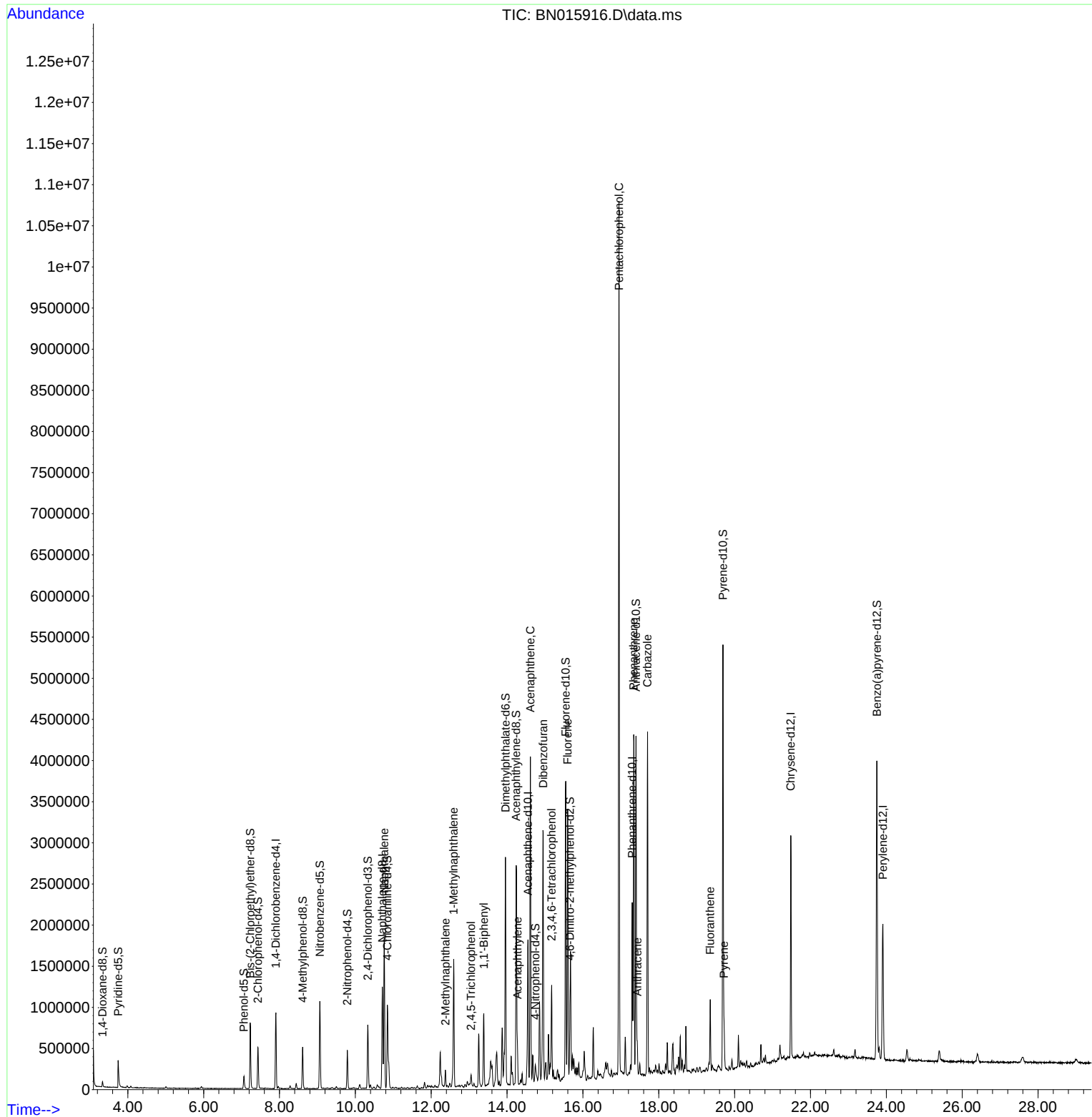
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	240262	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	979289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	583148	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.298	188	1206807	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1268842	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1259015	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	33489	5.429	ng/uL	0.00
4) Pyridine-d5	3.746	84	180813	10.489	ng/u1	0.00
7) Phenol-d5	7.063	99	79574	3.661	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	367711	27.480	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	214096	13.844	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	180248	10.663	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	225910	31.343	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	128439	19.040	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	251634	17.238	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	499195	22.466	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1694152	39.641	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	1867421	34.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	29073	3.846	ng/u1	0.01
60) Fluorene-d10	15.545	176	1408203	37.775	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	202804	31.467	ng/u1	0.00
73) Anthracene-d10	17.398	188	2226177	39.357	ng/u1	0.00
81) Pyrene-d10	19.692	212	2675427	39.147	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.751	264	2731395	40.124	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.763	128	1435106	27.362	ng/u1	99
36) 2-Methylnaphthalene	12.375	142	83073	2.278	ng/u1	97
37) 1-Methylnaphthalene	12.593	142	652562	17.975	ng/u1	100
42) 2,4,5-Trichlorophenol	13.051	196	33448	2.970	ng/u1	89
43) 1,1'-Biphenyl	13.387	154	431614	9.572	ng/u1	100
50) Acenaphthylene	14.275	152	92022	1.809	ng/u1#	90
52) Acenaphthene	14.616	153	1588304	43.160	ng/u1	98
56) Dibenzofuran	14.951	168	1703739	33.487	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.175	232	172365	18.496	ng/u1	99
61) Fluorene	15.598	166	1426783	34.366	ng/u1	96
71) Pentachlorophenol	16.951	266	1748587	205.959	ng/u1	97
72) Phenanthrene	17.339	178	2446499	37.291	ng/u1	99
74) Anthracene	17.433	178	252265	3.766	ng/u1	96
77) Carbazole	17.704	167	2495619	42.378	ng/u1	97
80) Fluoranthene	19.357	202	498388	6.027	ng/u1	99
82) Pyrene	19.722	202	318323	3.699	ng/u1	98

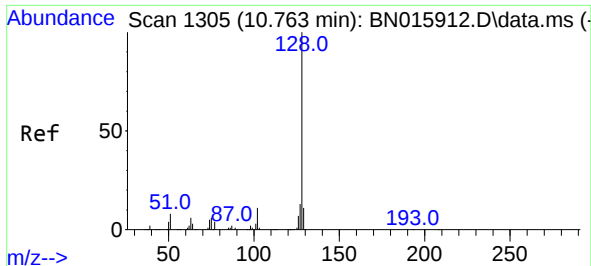
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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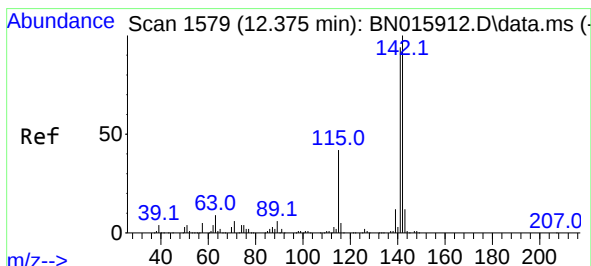
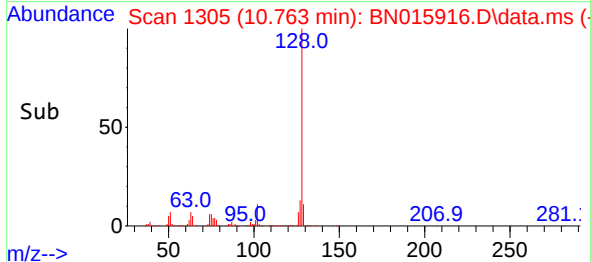
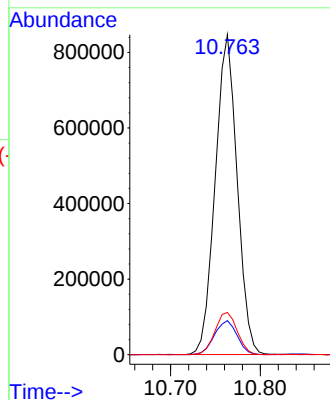
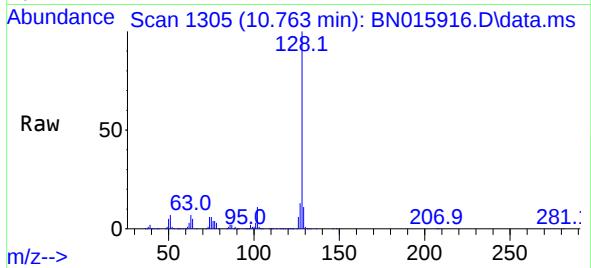




#30
Naphthalene
Concen: 27.362 ng/ul
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

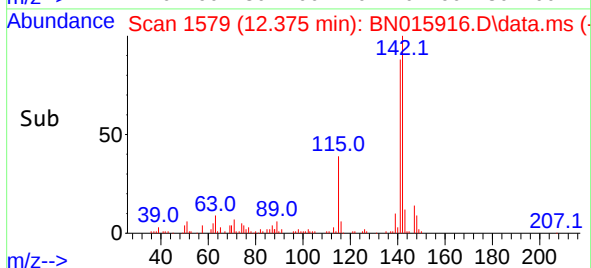
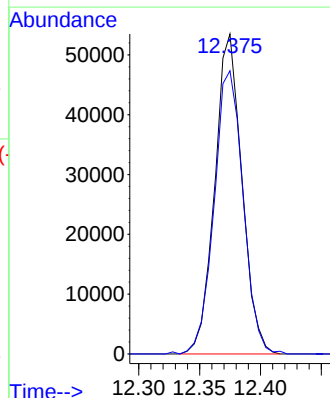
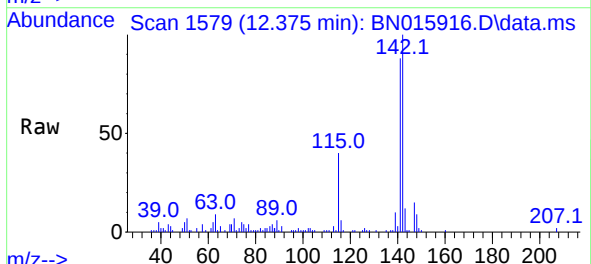
Instrument :
BNA_N
ClientSampleId :
DBKC5

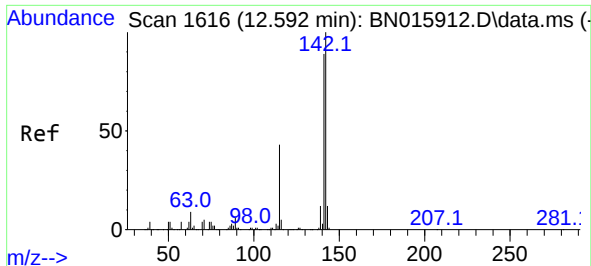
Tgt Ion:128 Resp: 1435106
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.2 11.1 16.7



#36
2-Methylnaphthalene
Concen: 2.278 ng/ul
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Tgt Ion:142 Resp: 83073
Ion Ratio Lower Upper
142 100
141 88.5 73.4 110.0

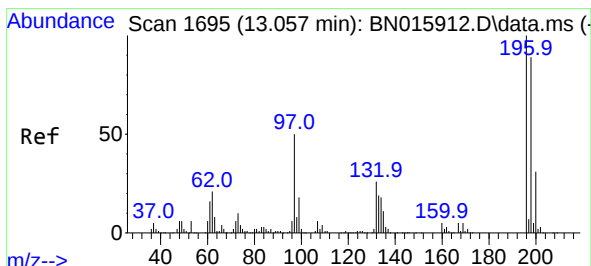
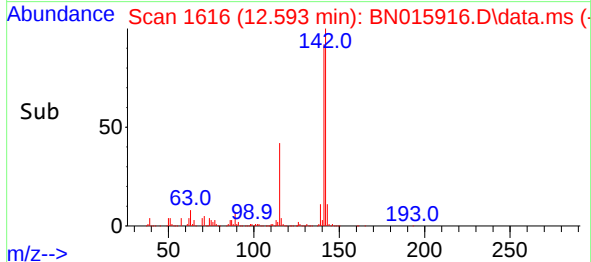
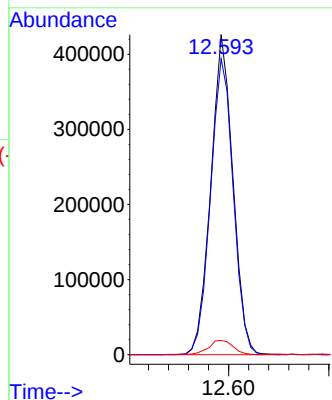
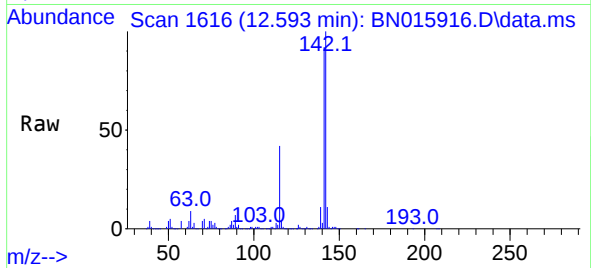




#37
1-Methylnaphthalene
Concen: 17.975 ng/ul
RT: 12.593 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

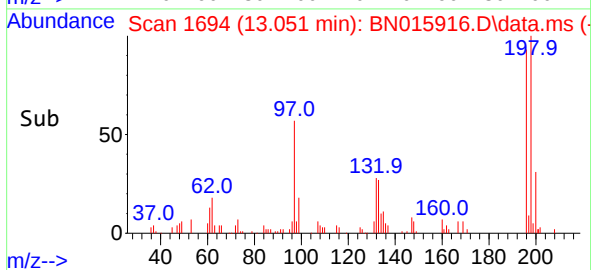
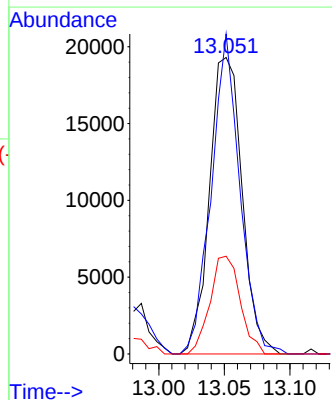
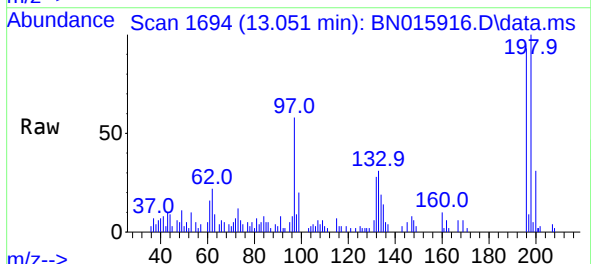
Instrument :
BNA_N
ClientSampleId :
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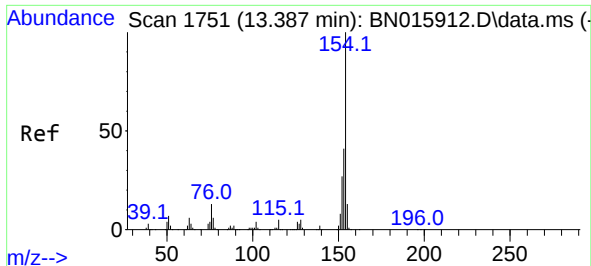
Tgt Ion:142 Resp: 652562
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4
116 4.5 3.4 5.0



#42
2,4,5-Trichlorophenol
Concen: 2.970 ng/ul
RT: 13.051 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Tgt Ion:196 Resp: 33448
Ion Ratio Lower Upper
196 100
198 108.0 76.5 114.7
200 33.0 24.6 37.0

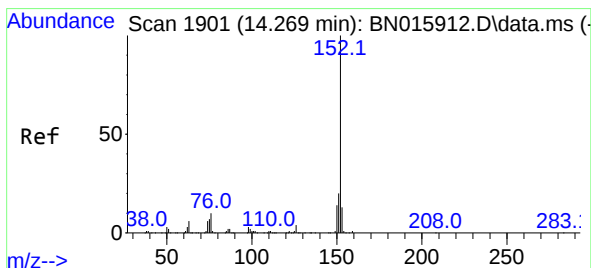
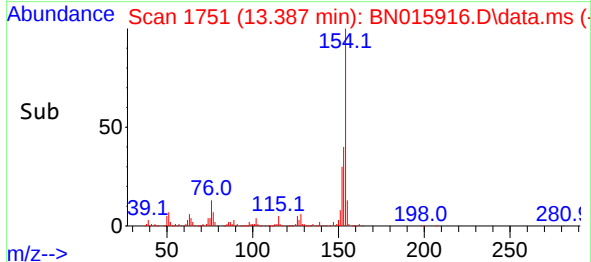
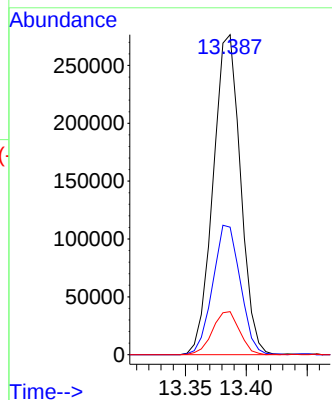
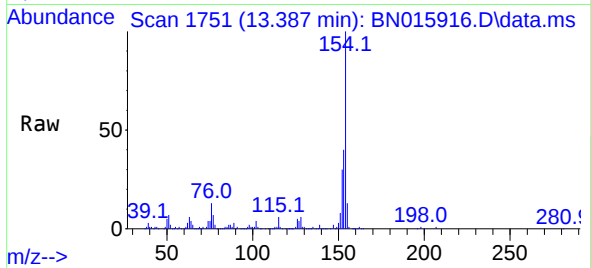




#43
1,1'-Biphenyl
Concen: 9.572 ng/ul
RT: 13.387 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

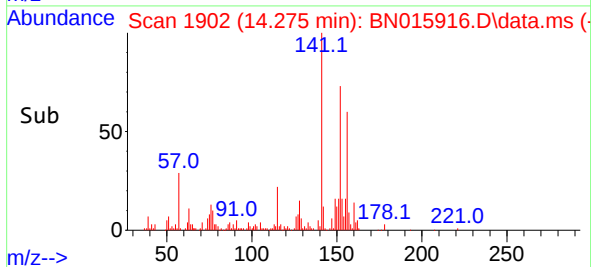
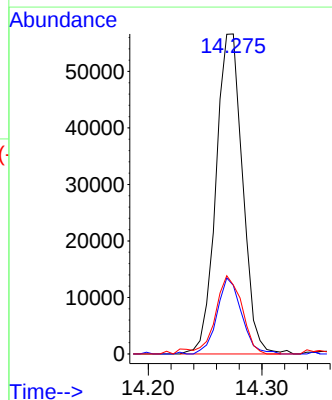
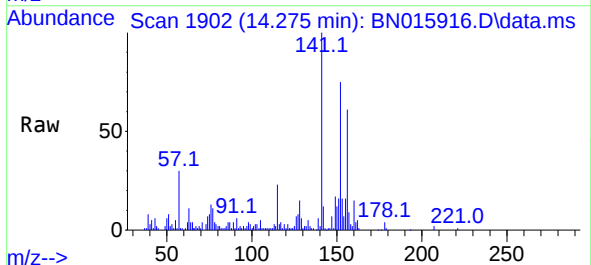
Instrument :
BNA_N
ClientSampleId :
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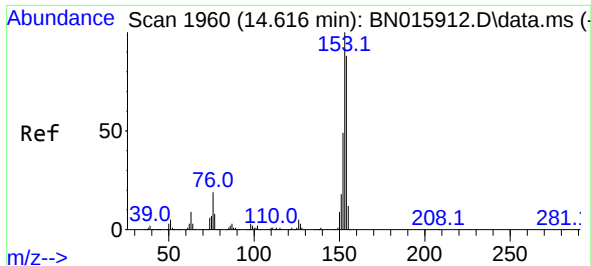
Tgt Ion:	154	Resp:	431614
Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.1	48.1
76	13.5	11.0	16.6



#50
Acenaphthylene
Concen: 1.809 ng/ul
RT: 14.275 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Tgt Ion:	152	Resp:	92022
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2
153	21.5	10.3	15.5

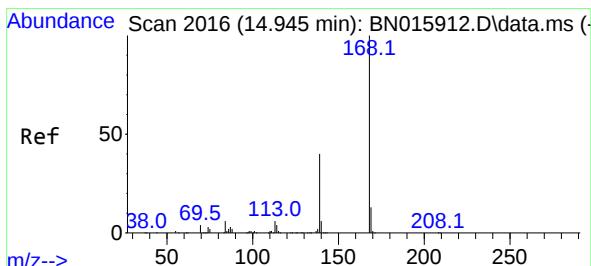
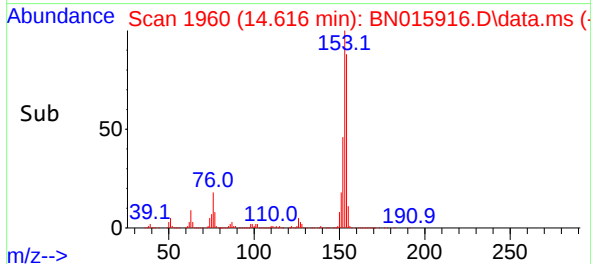
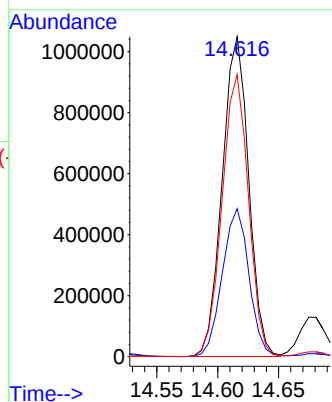
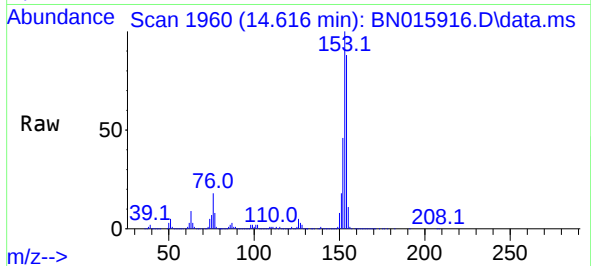




#52
Acenaphthene
Concen: 43.160 ng/ul
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

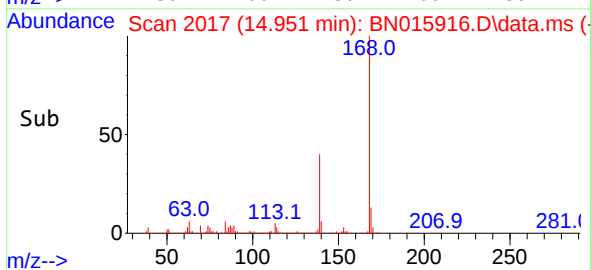
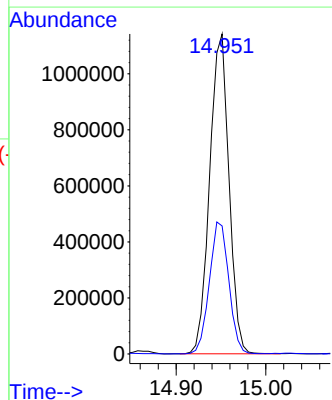
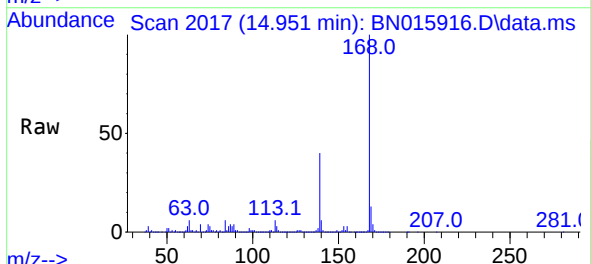
Instrument :
BNA_N
ClientSampleId :
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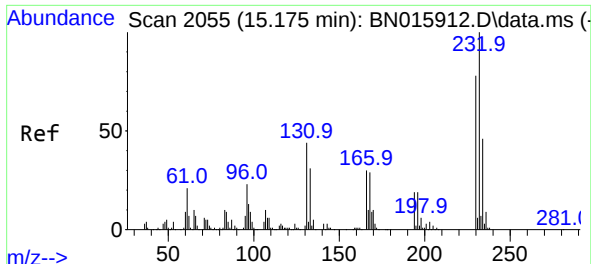
Tgt Ion:153 Resp: 1588304
Ion Ratio Lower Upper
153 100
152 46.2 38.6 57.8
154 88.1 69.3 103.9



#56
Dibenzofuran
Concen: 33.487 ng/ul
RT: 14.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Tgt Ion:168 Resp: 1703739
Ion Ratio Lower Upper
168 100
139 40.0 31.8 47.6



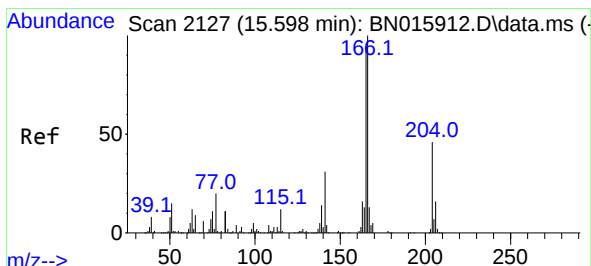
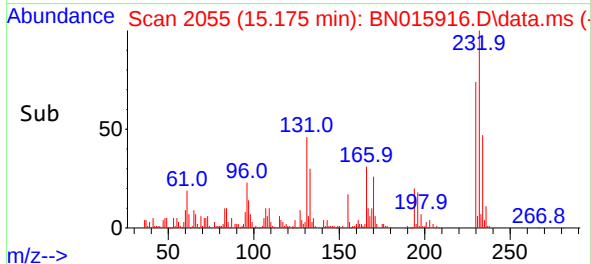
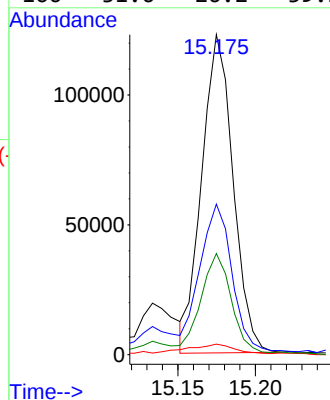
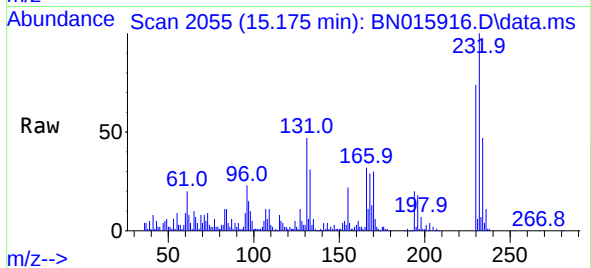


#58
2,3,4,6-Tetrachlorophenol
Concen: 18.496 ng/ul
RT: 15.175 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Instrument :
BNA_N
ClientSampleId :
DBKC5

Tgt Ion:232 Resp: 172365

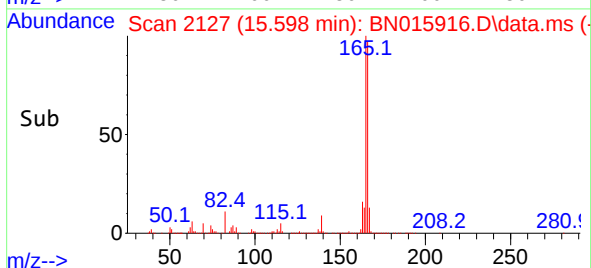
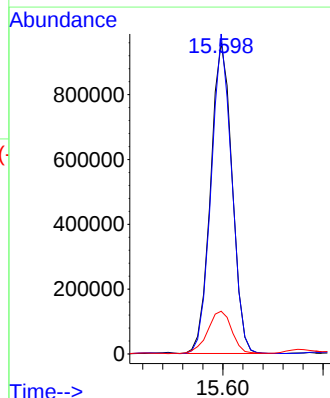
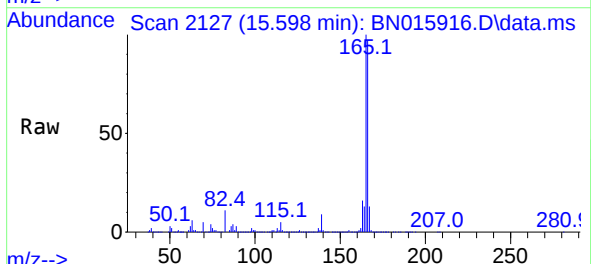
Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.5	56.3
130	3.3	2.2	3.4
166	31.6	26.2	39.2

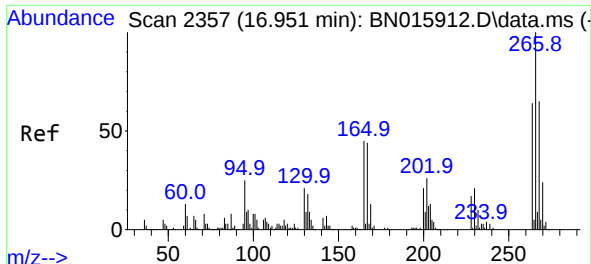


#61
Fluorene
Concen: 34.366 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Tgt Ion:166 Resp: 1426783

Ion	Ratio	Lower	Upper
166	100		
165	102.9	78.4	117.6
167	13.8	10.8	16.2

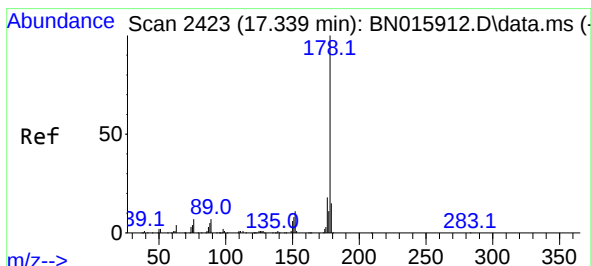
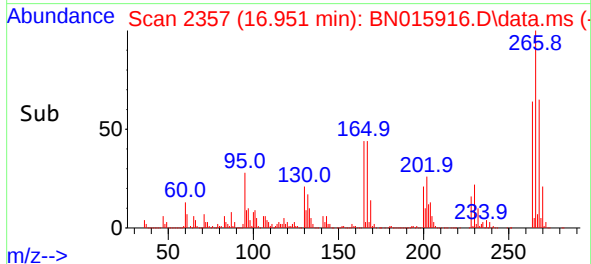
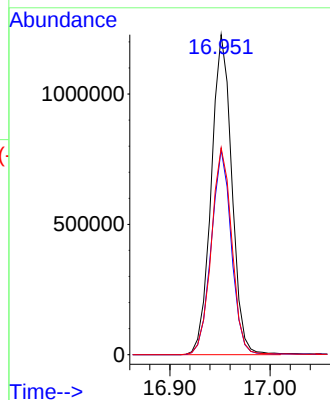
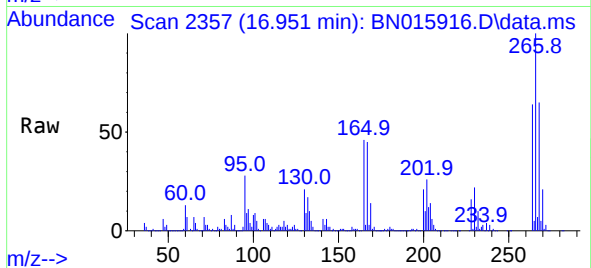




#71
Pentachlorophenol
Concen: 205.959 ng/ul
RT: 16.951 min Scan# 2357
Delta R.T. 0.006 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

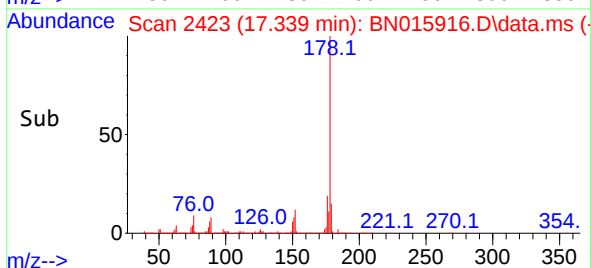
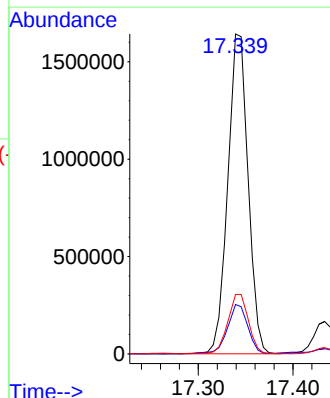
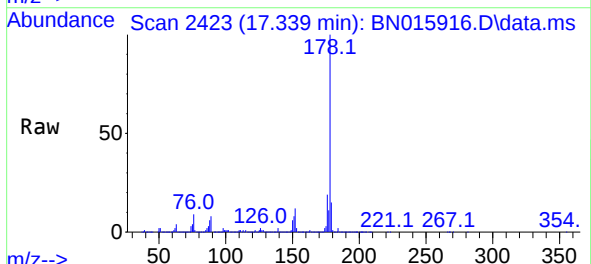
Instrument :
BNA_N
ClientSampleId :
DBKC5

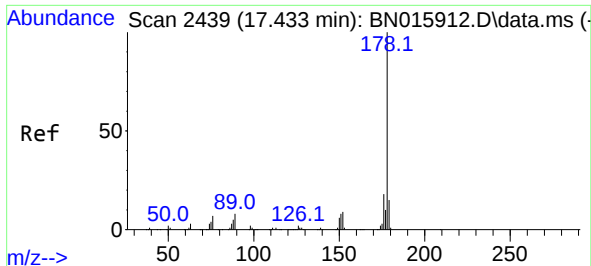
Tgt Ion:266 Resp: 1748587
Ion Ratio Lower Upper
266 100
264 64.1 53.8 80.6
268 64.7 52.7 79.1



#72
Phenanthrene
Concen: 37.291 ng/ul
RT: 17.339 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Tgt Ion:178 Resp: 2446499
Ion Ratio Lower Upper
178 100
179 15.4 12.5 18.7
176 18.6 14.6 21.8

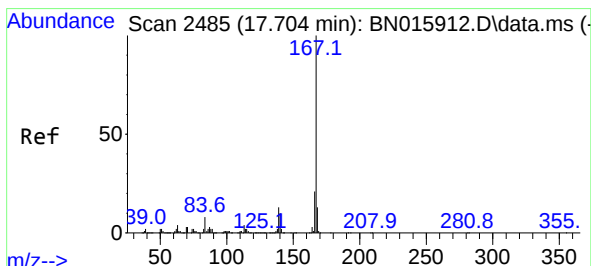
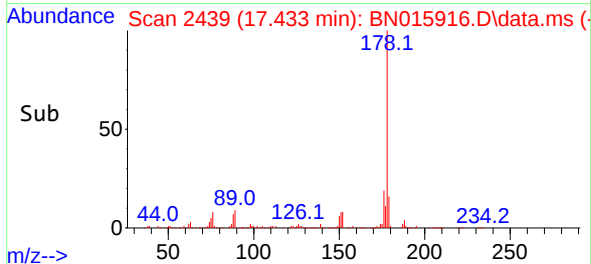
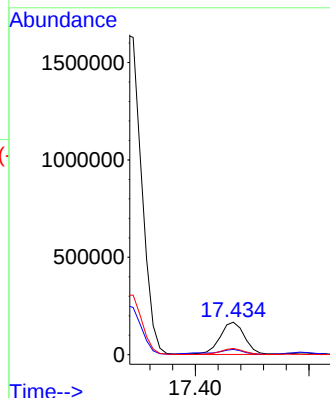
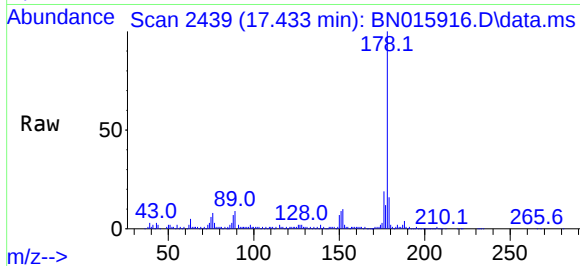




#74
 Anthracene
 Concen: 3.766 ng/u1
 RT: 17.433 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BN015916.D
 Acq: 18 Aug 2021 02:01

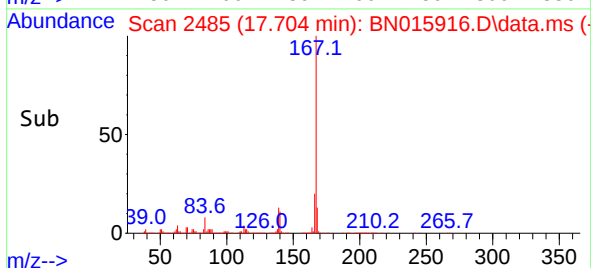
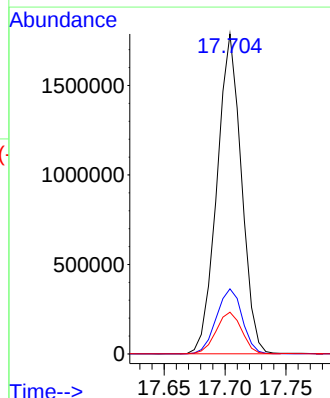
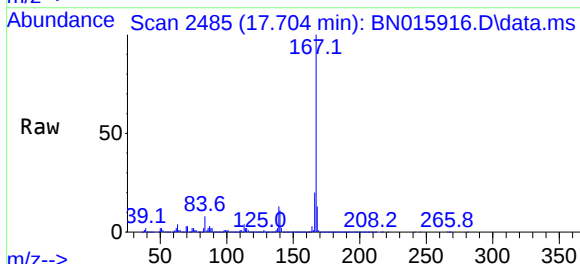
Instrument :
 BNA_N
 ClientSampleId :
 DBKC5

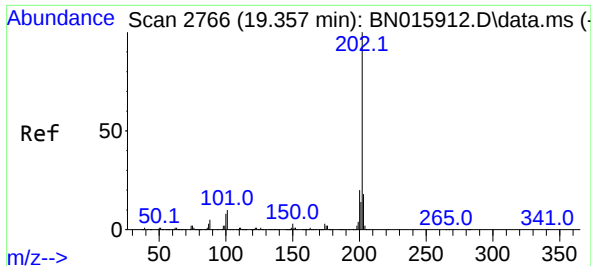
Tgt Ion:178 Resp: 252265
 Ion Ratio Lower Upper
 178 100
 179 16.2 11.6 17.4
 176 19.4 14.4 21.6



#77
 Carbazole
 Concen: 42.378 ng/u1
 RT: 17.704 min Scan# 2485
 Delta R.T. 0.006 min
 Lab File: BN015916.D
 Acq: 18 Aug 2021 02:01

Tgt Ion:167 Resp: 2495619
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.1 25.7
 139 13.0 11.6 17.4

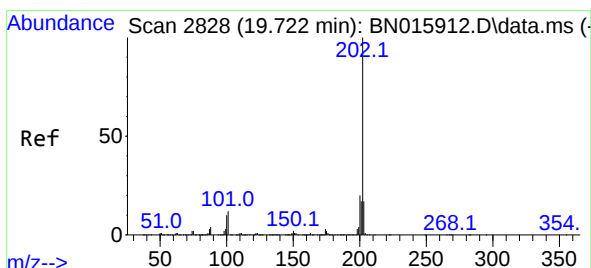
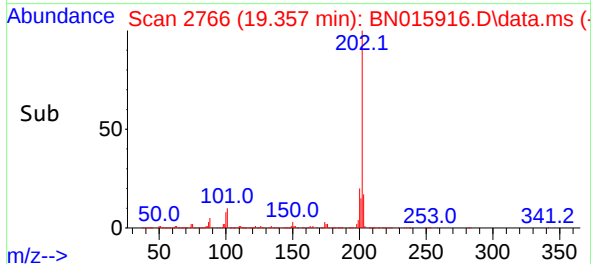
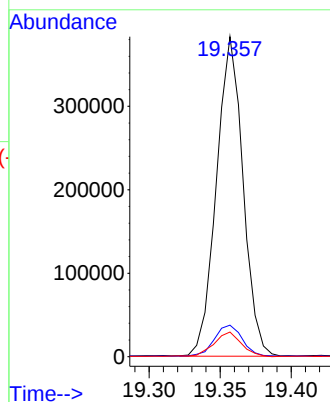
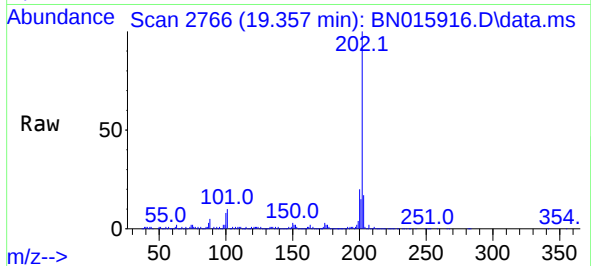




#80
Fluoranthene
Concen: 6.027 ng/u1
RT: 19.357 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Instrument :
BNA_N
ClientSampleId :
DBKC5

Tgt Ion:202 Resp: 498388
Ion Ratio Lower Upper
202 100
101 9.8 8.0 12.0
100 7.7 6.7 10.1



#82
Pyrene
Concen: 3.699 ng/u1
RT: 19.722 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BN015916.D
Acq: 18 Aug 2021 02:01

Tgt Ion:202 Resp: 318323
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 10.8 9.2 13.8

