

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021541.D
 Acq On : 02 Sep 2022 00:48
 Operator : CG/JU
 Sample : N4357-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20220823

Quant Time: Sep 02 01:27:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

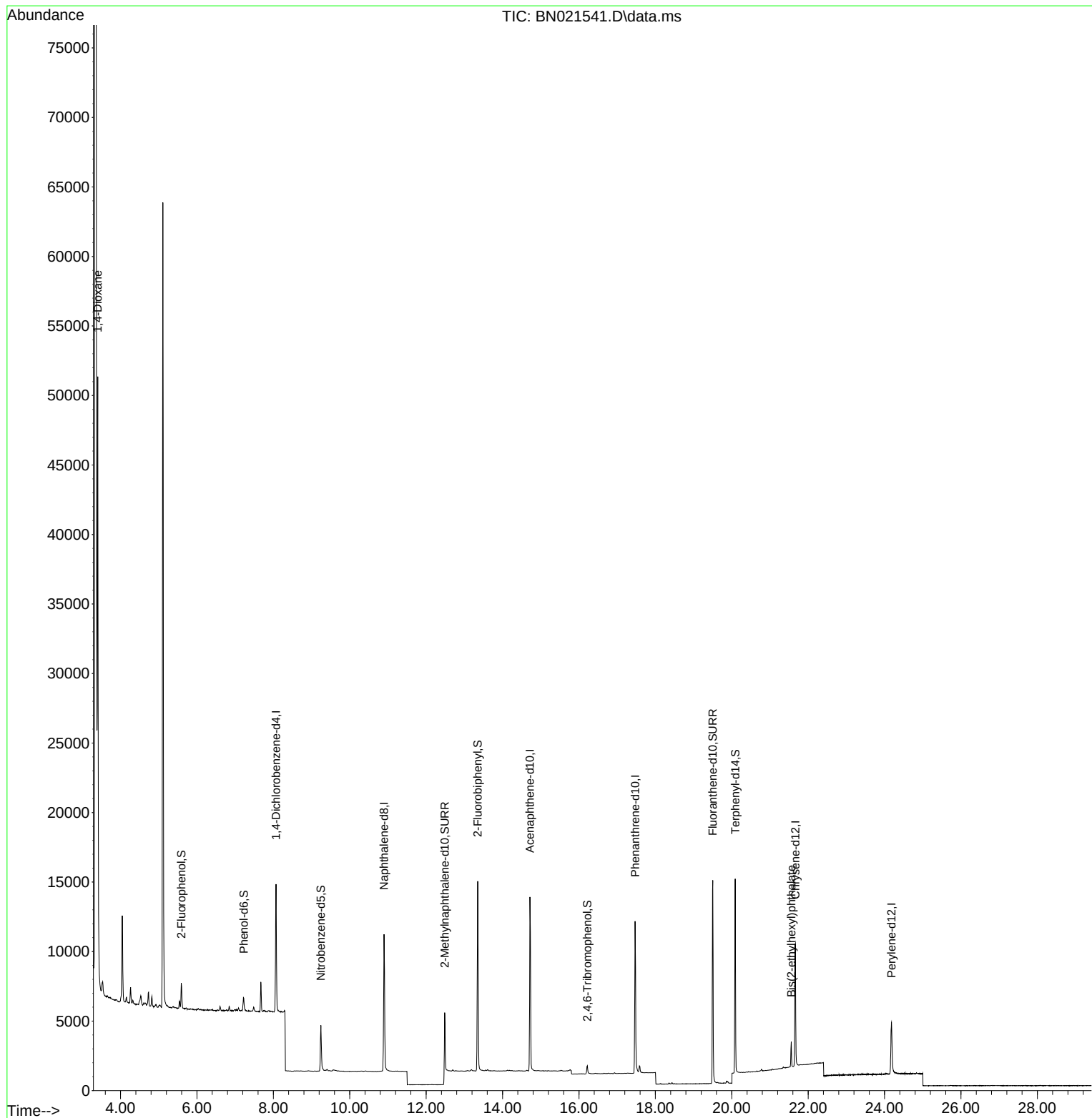
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4485	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	13799	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	7526	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	15572	0.400	ng	0.00
29) Chrysene-d12	21.664	240	9463	0.400	ng	0.00
35) Perylene-d12	24.182	264	6303	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1567	0.179	ng	0.00
5) Phenol-d6	7.224	99	1143	0.102	ng	0.00
8) Nitrobenzene-d5	9.243	82	3120	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	12069	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	413	0.167	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	12400	0.377	ng	0.00
27) Fluoranthene-d10	19.501	212	16350	0.408	ng	0.00
31) Terphenyl-d14	20.088	244	12036	0.566	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	25034	4.463	ng	Qvalue # 90
34) Bis(2-ethylhexyl)phtha...	21.557	149	1813	0.137	ng	95

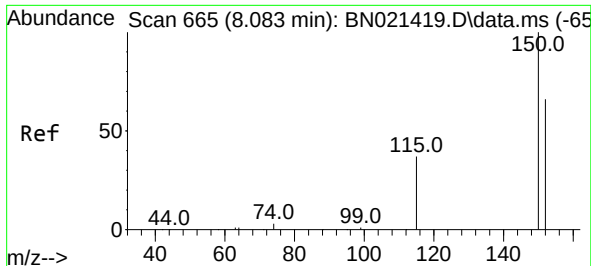
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

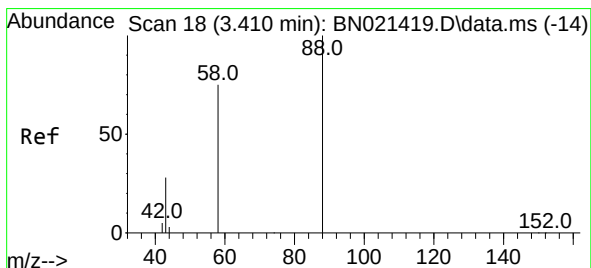
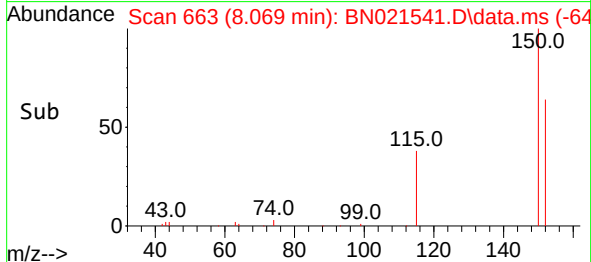
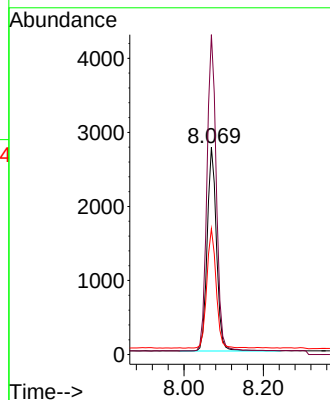
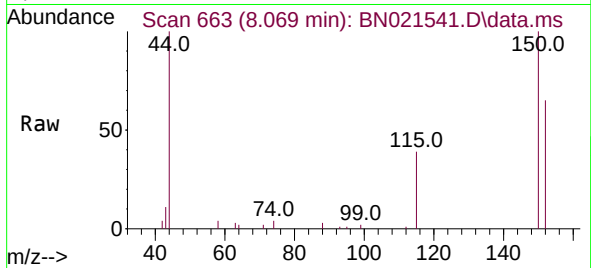




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021541.D
 Acq: 02 Sep 2022 00:48

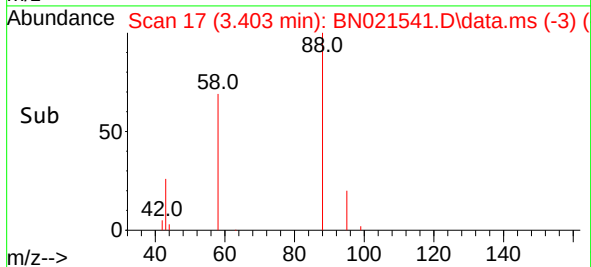
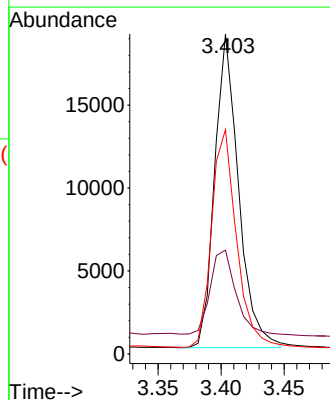
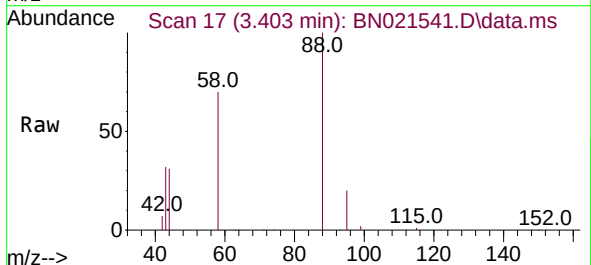
Instrument :
 BNA_N
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 RW4-20220823

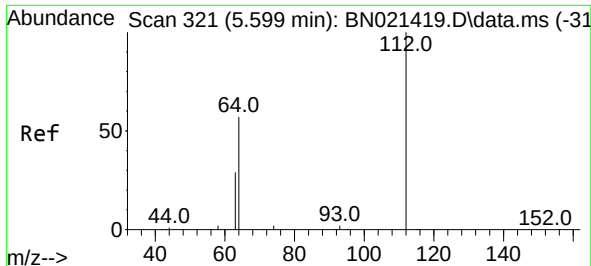
Tgt Ion:152 Resp: 4485
 Ion Ratio Lower Upper
 152 100
 150 154.4 121.4 182.0
 115 60.7 48.6 72.8



#2
 1,4-Dioxane
 Concen: 4.463 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021541.D
 Acq: 02 Sep 2022 00:48

Tgt Ion: 88 Resp: 25034
 Ion Ratio Lower Upper
 88 100
 43 28.3 35.8 53.8#
 58 72.0 57.1 85.7

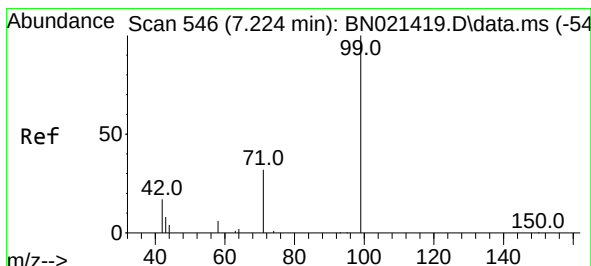
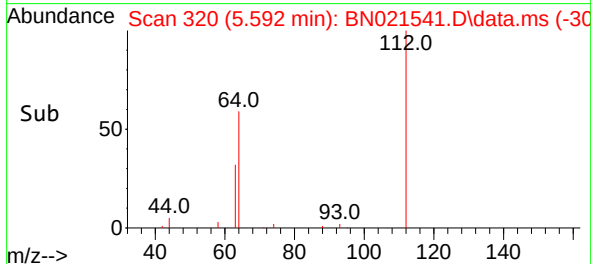
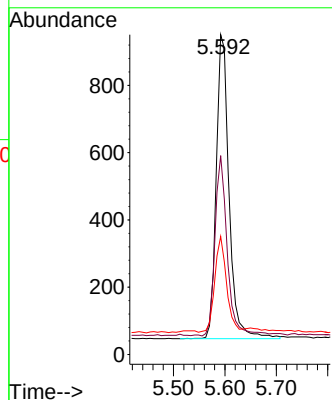
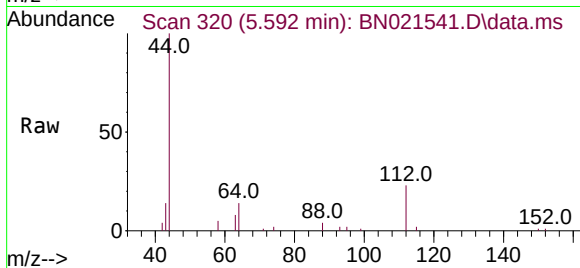




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021541.D
Acq: 02 Sep 2022 00:48

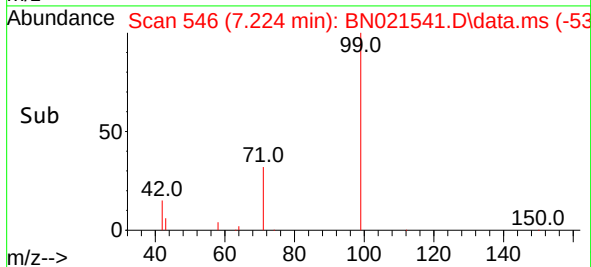
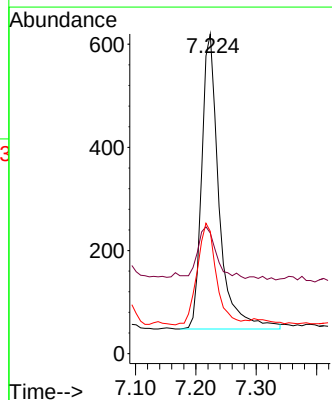
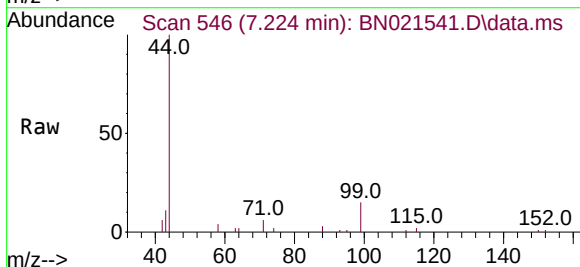
Instrument :
BNA_N
ClientSampleId :
RW4-20220823

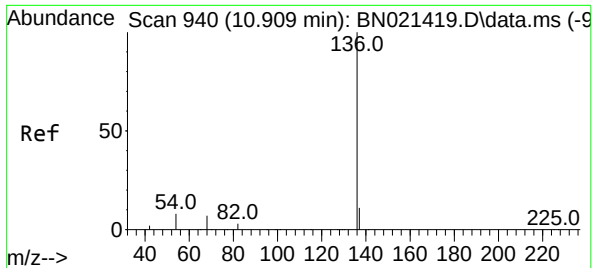
Tgt Ion:112 Resp: 1567
Ion Ratio Lower Upper
112 100
64 57.5 43.5 65.3
63 29.2 22.6 34.0



#5
Phenol-d6
Concen: 0.102 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021541.D
Acq: 02 Sep 2022 00:48

Tgt Ion: 99 Resp: 1143
Ion Ratio Lower Upper
99 100
42 18.2 15.5 23.3
71 37.8 24.2 36.2#

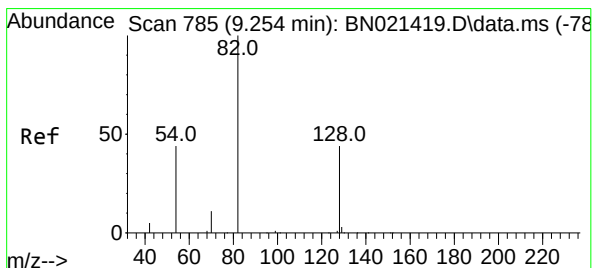
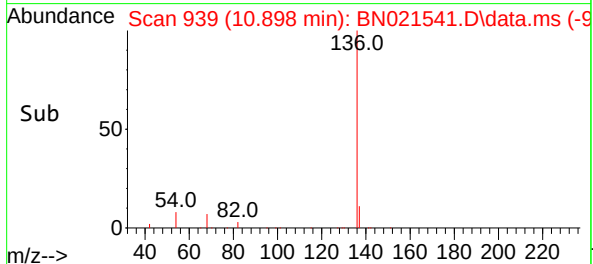
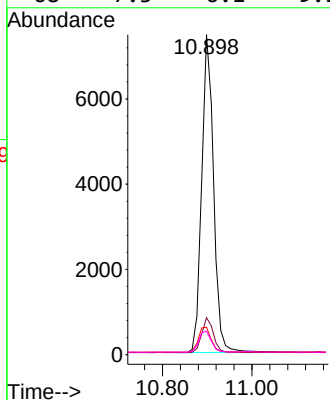
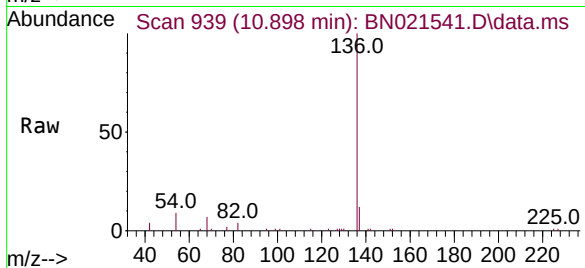




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021541.D
Acq: 02 Sep 2022 00:48

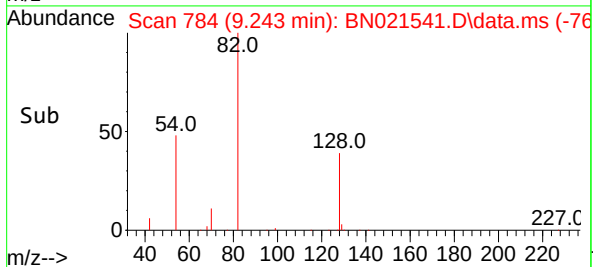
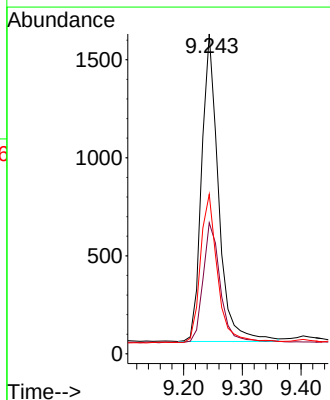
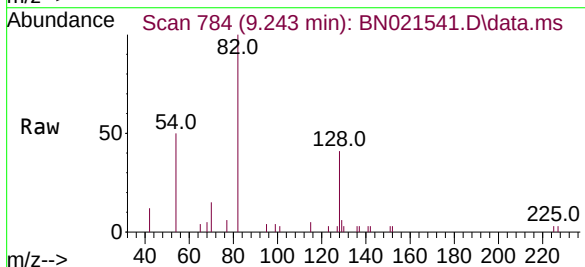
Instrument :
BNA_N
ClientSampleId :
RW4-20220823

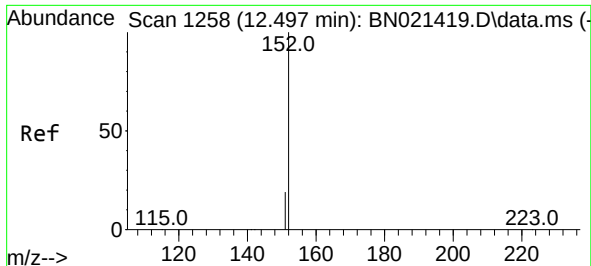
Tgt Ion:	136	Resp:	13799
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	8.6	6.9	10.3
68	7.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021541.D
Acq: 02 Sep 2022 00:48

Tgt Ion:	82	Resp:	3120
Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.9	46.3
54	49.9	42.7	64.1

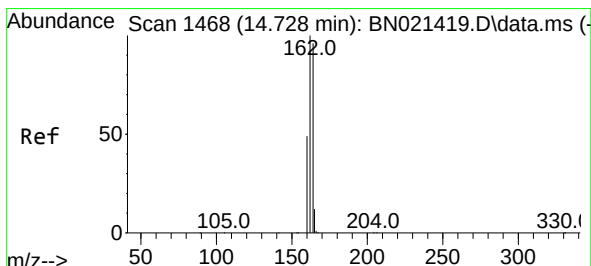
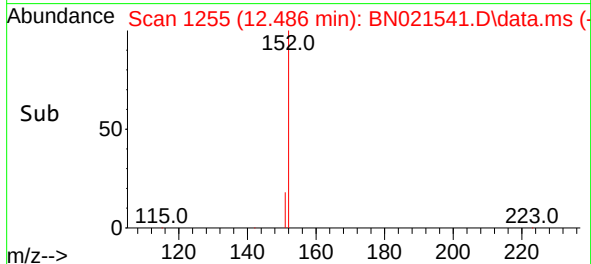
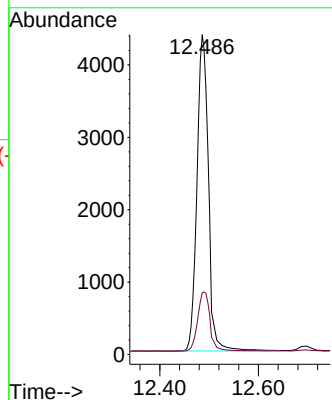
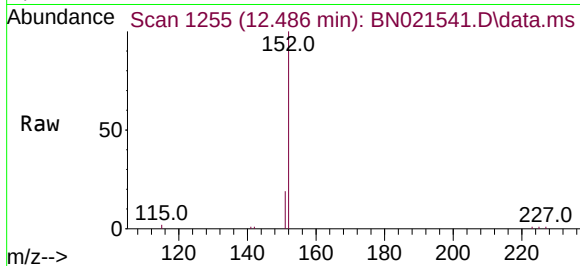




#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.486 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN021541.D
 Acq: 02 Sep 2022 00:48

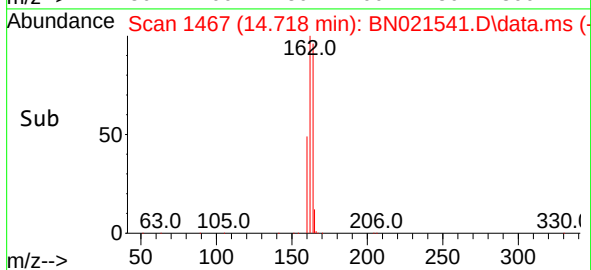
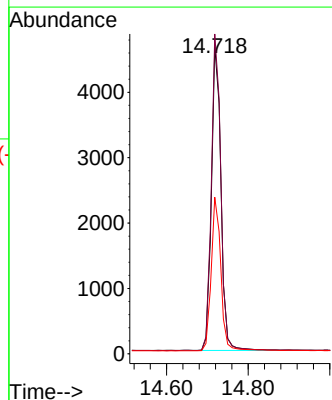
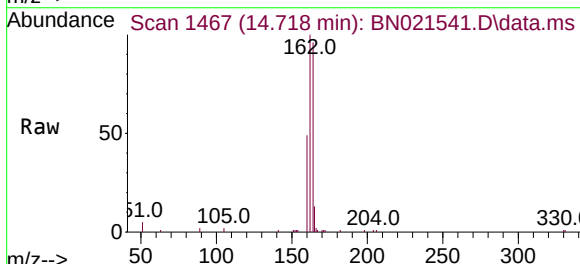
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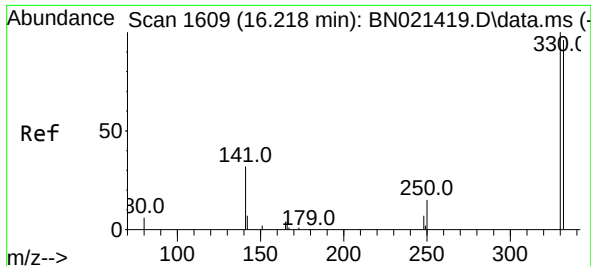
Tgt Ion:152 Resp: 12069
 Ion Ratio Lower Upper
 152 100
 151 16.8 14.5 21.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.718 min Scan# 1467
 Delta R.T. 0.000 min
 Lab File: BN021541.D
 Acq: 02 Sep 2022 00:48

Tgt Ion:164 Resp: 7526
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.2 123.4
 160 51.0 39.5 59.3

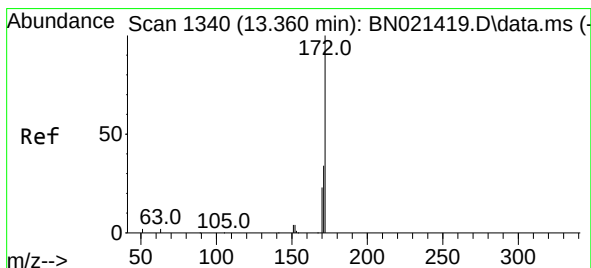
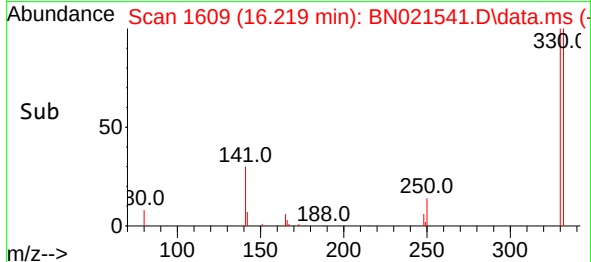
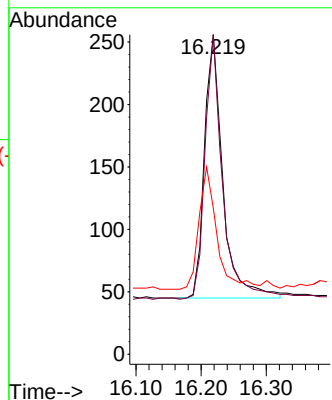
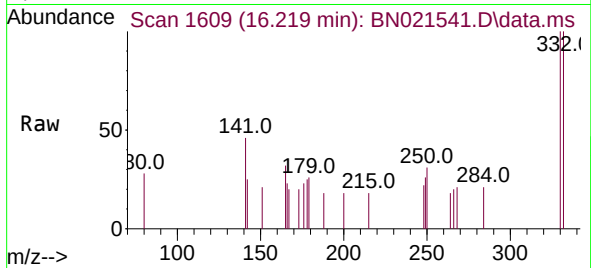




#14
 2,4,6-Tribromophenol
 Concen: 0.167 ng
 RT: 16.219 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BN021541.D
 Acq: 02 Sep 2022 00:48

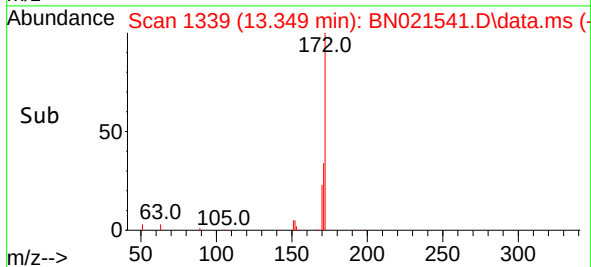
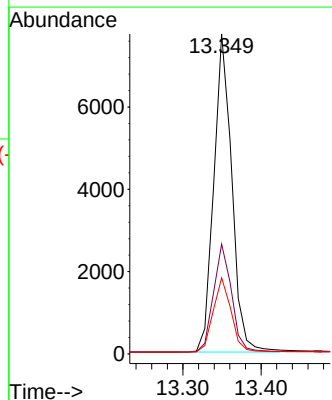
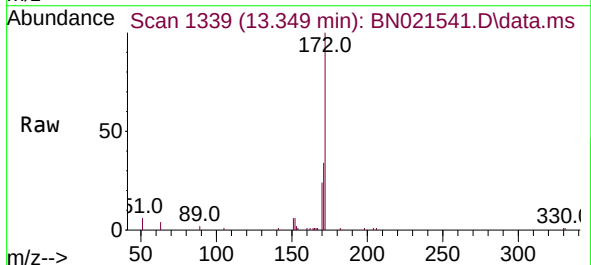
Instrument :
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 ClientSampleId :
 RW4-20220823

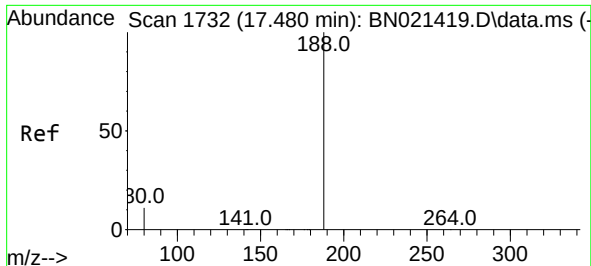
Tgt Ion:	330	Resp:	413
Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.3	118.9
141	45.5	37.1	55.7



#15
 2-Fluorobiphenyl
 Concen: 0.377 ng
 RT: 13.349 min Scan# 1339
 Delta R.T. 0.000 min
 Lab File: BN021541.D
 Acq: 02 Sep 2022 00:48

Tgt Ion:	172	Resp:	12400
Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.8	18.6	28.0

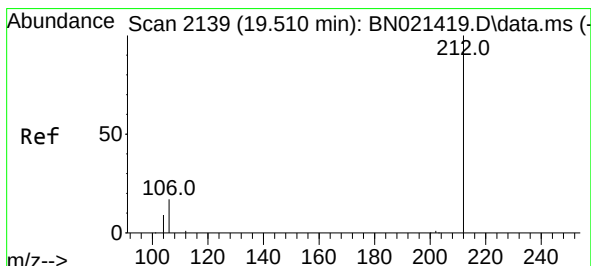
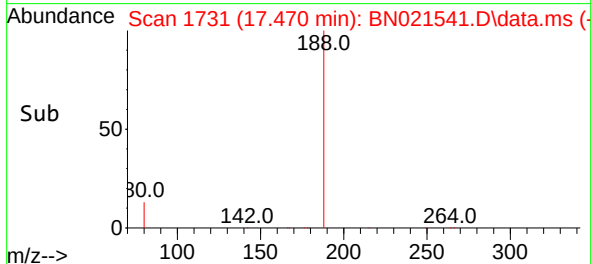
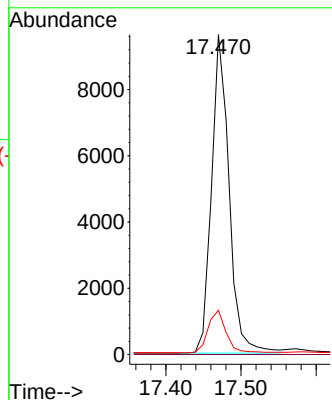
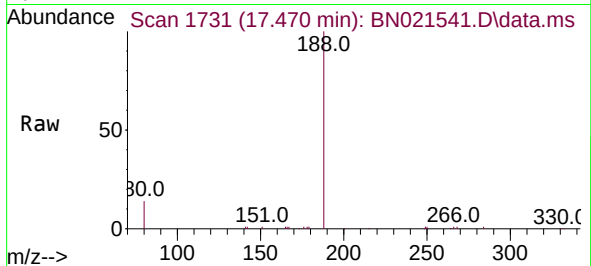




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021541.D
Acq: 02 Sep 2022 00:48

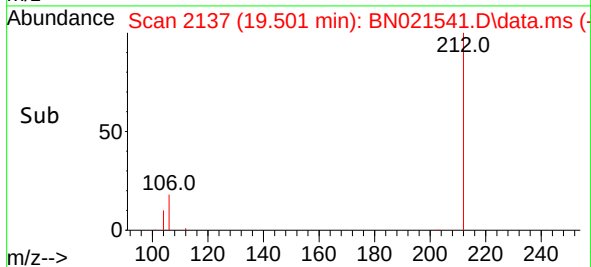
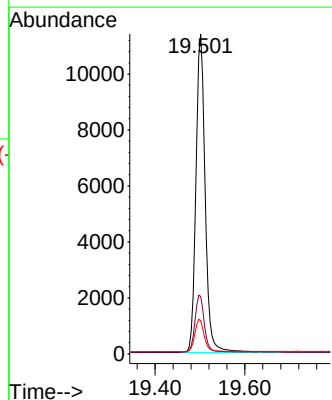
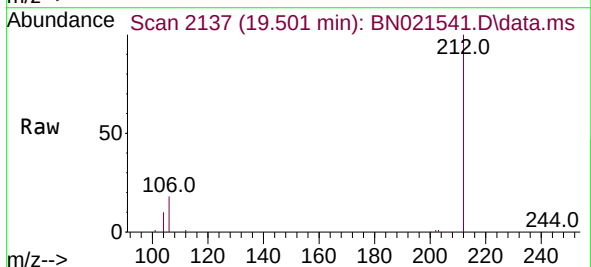
Instrument :
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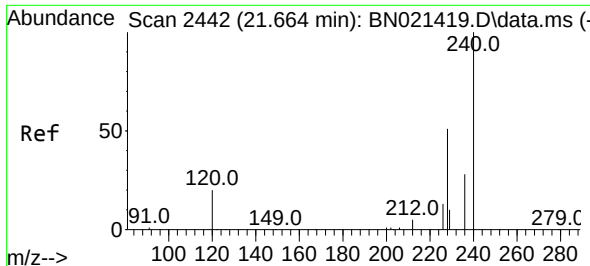
Tgt Ion:188 Resp: 15572
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021541.D
Acq: 02 Sep 2022 00:48

Tgt Ion:212 Resp: 16350
Ion Ratio Lower Upper
212 100
106 18.1 14.2 21.2
104 10.1 7.8 11.6

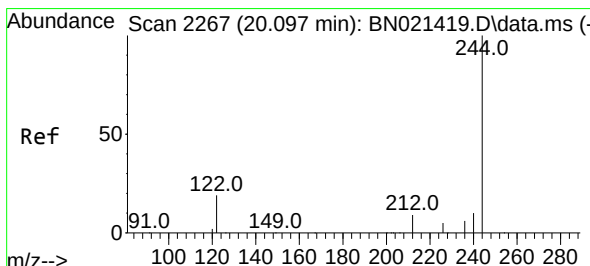
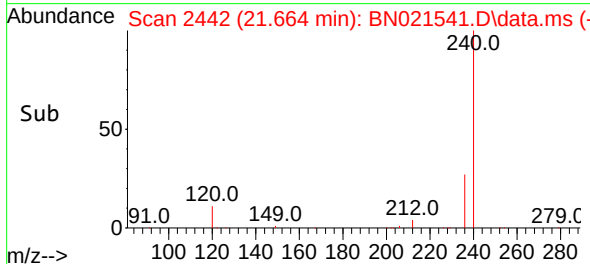
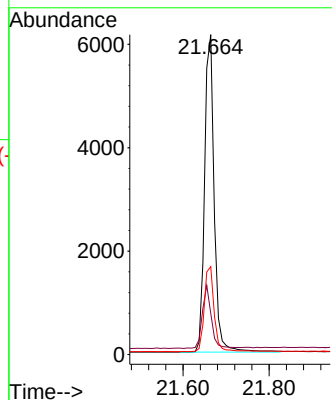
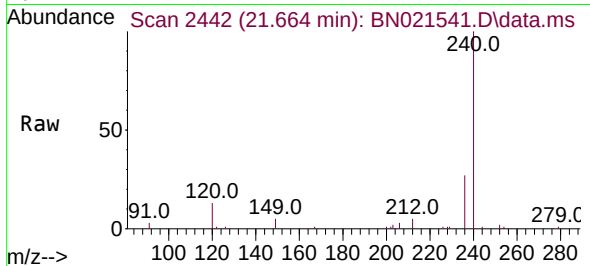




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021541.D
Acq: 02 Sep 2022 00:48

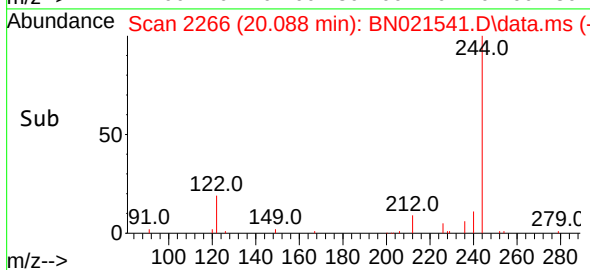
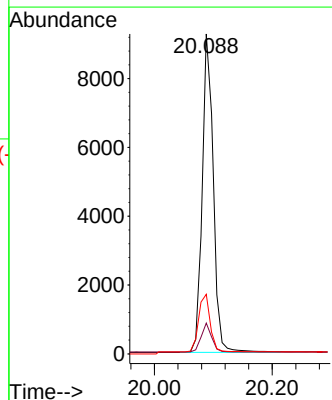
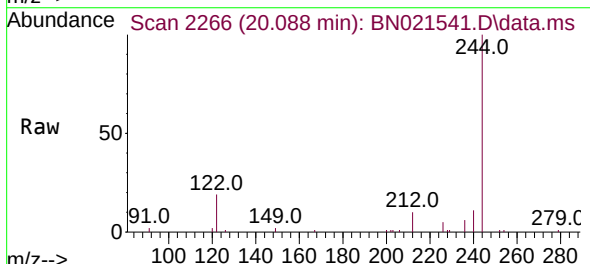
Instrument :
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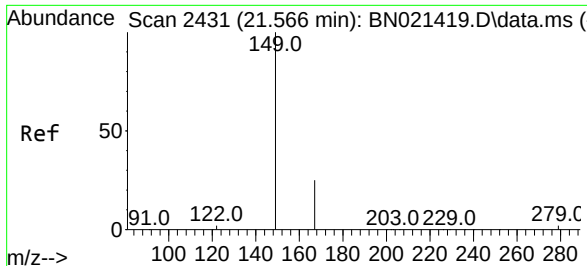
Tgt Ion:240 Resp: 9463
Ion Ratio Lower Upper
240 100
120 12.9 10.2 15.4
236 27.5 22.1 33.1



#31
Terphenyl-d14
Concen: 0.566 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021541.D
Acq: 02 Sep 2022 00:48

Tgt Ion:244 Resp: 12036
Ion Ratio Lower Upper
244 100
212 9.6 6.5 9.7
122 18.6 9.1 13.7#

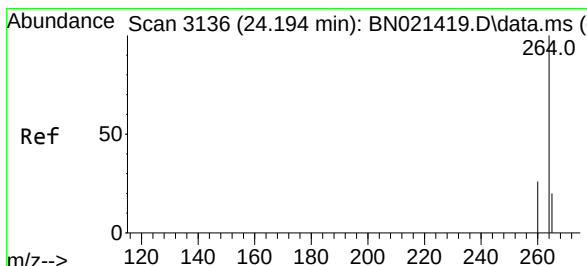
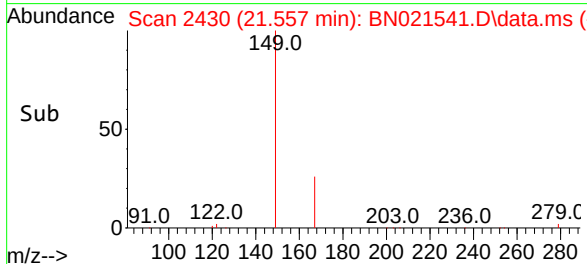
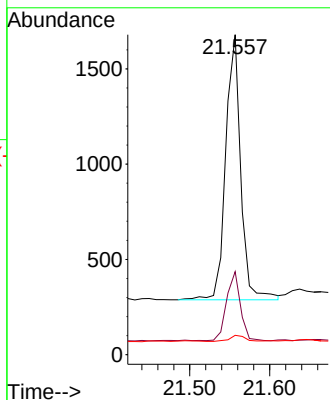
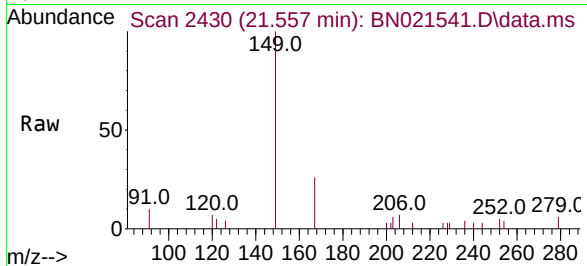




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.137 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021541.D
 Acq: 02 Sep 2022 00:48

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20220823

Tgt Ion:149 Resp: 1813
 Ion Ratio Lower Upper
 149 100
 167 23.9 21.4 32.0
 279 2.3 2.2 3.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.182 min Scan# 3132
 Delta R.T. -0.003 min
 Lab File: BN021541.D
 Acq: 02 Sep 2022 00:48

Tgt Ion:264 Resp: 6303
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.0 31.6
 265 42.5 32.2 48.2

