

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
 Data File : BM035435.D
 Acq On : 08 Jun 2022 18:24
 Operator : CG/JU
 Sample : N3189-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220400-C-2-TCLP

Quant Time: Jun 09 00:51:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

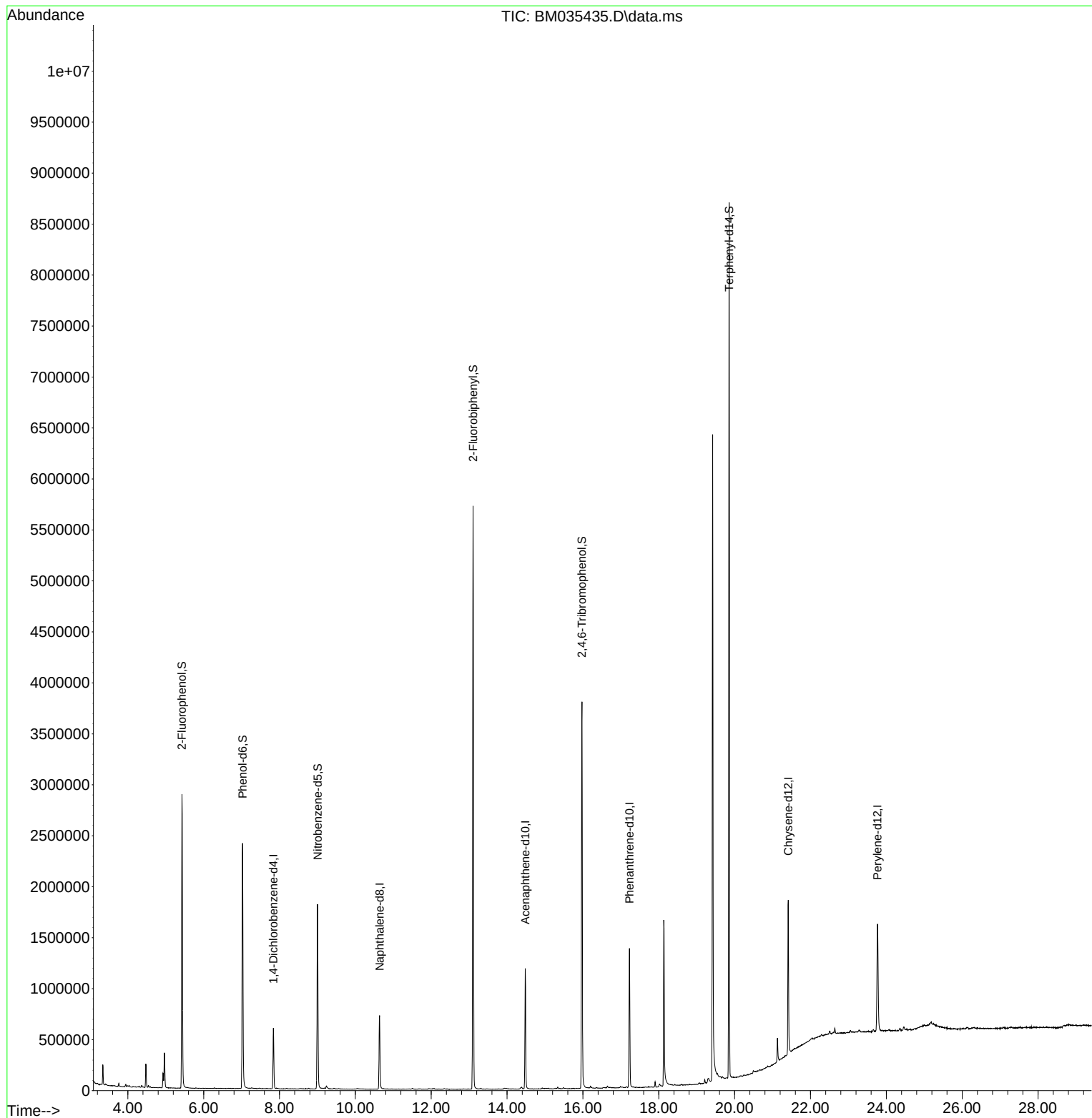
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	186446	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	680893	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	437390	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	905447	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	825593	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	897729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1379066	155.426	ng	0.00
7) Phenol-d6	7.028	99	1570826	129.607	ng	0.00
23) Nitrobenzene-d5	9.004	82	1067887	99.585	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	951653	135.606	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3147837	103.366	ng	0.00
79) Terphenyl-d14	19.856	244	4621767	111.530	ng	0.00
Target Compounds						
9) Benzaldehyde	7.028	77	3086	Below Cal	#	Qvalue 9

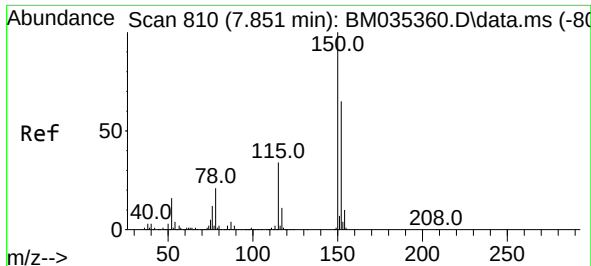
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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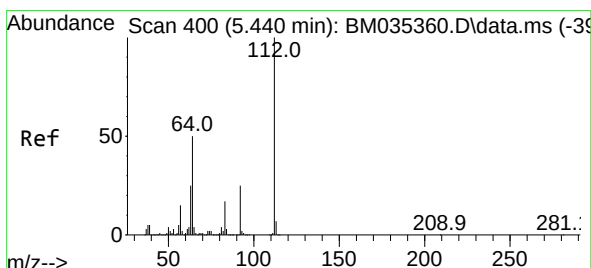
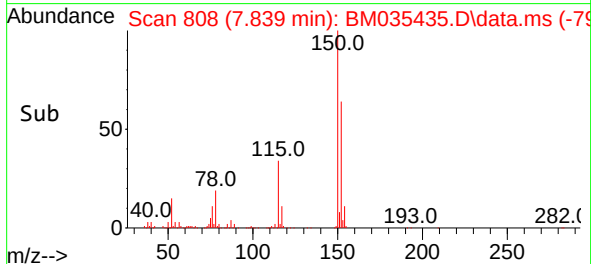
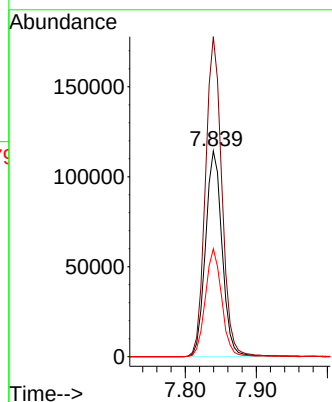
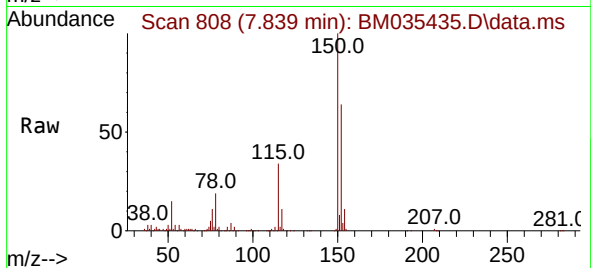




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BM035435.D
Acq: 08 Jun 2022 18:24

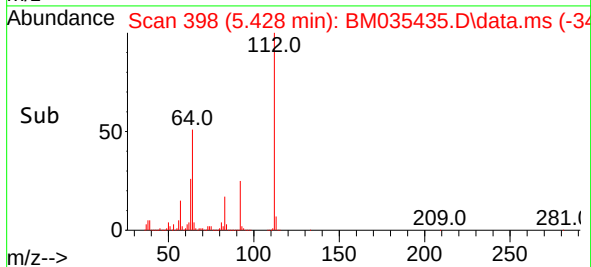
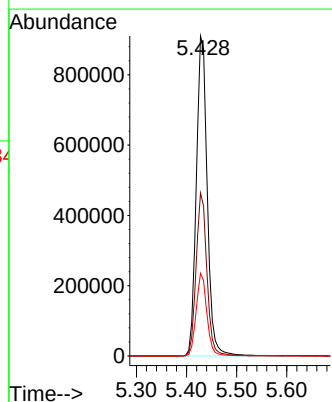
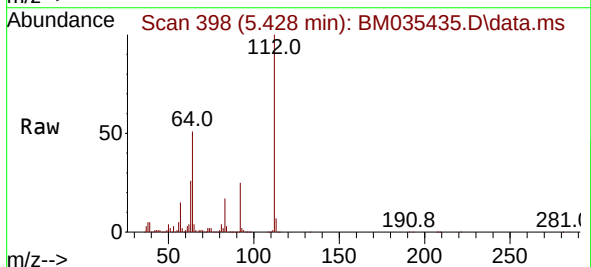
Instrument :
BNA_M
ClientSampleId :
20220400-C-2-TCLP

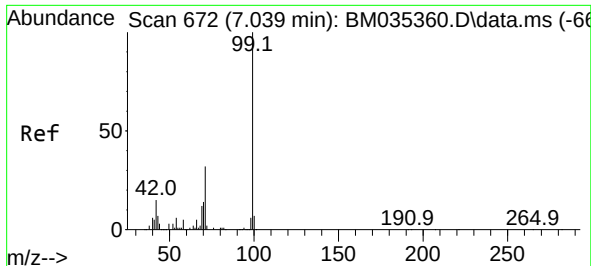
Tgt Ion:152 Resp: 186446
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 52.4 47.9 71.9



#5
2-Fluorophenol
Concen: 155.426 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035435.D
Acq: 08 Jun 2022 18:24

Tgt Ion:112 Resp: 1379066
Ion Ratio Lower Upper
112 100
64 51.0 47.8 71.6
63 25.9 26.6 40.0#

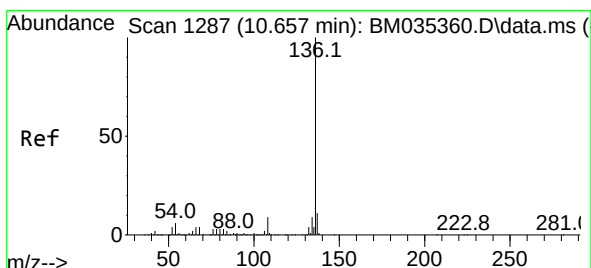
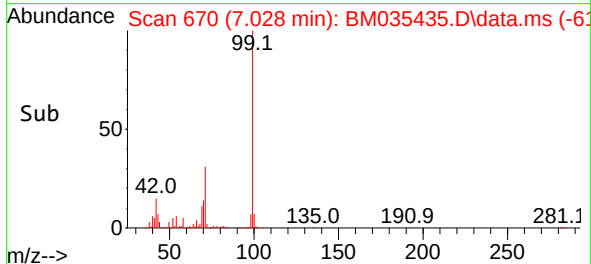
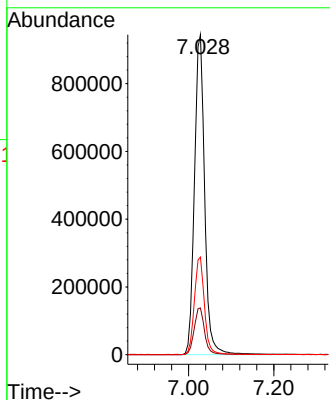
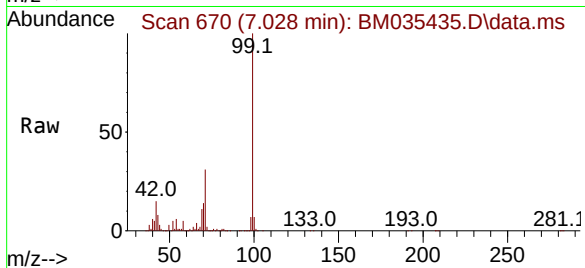




#7
Phenol-d6
Concen: 129.607 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035435.D
Acq: 08 Jun 2022 18:24

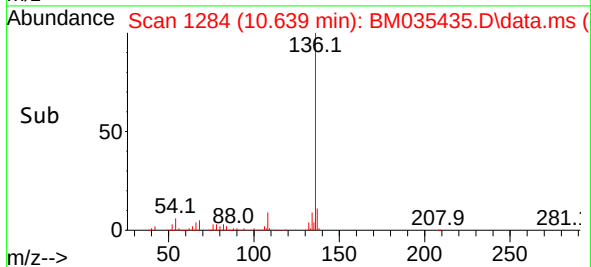
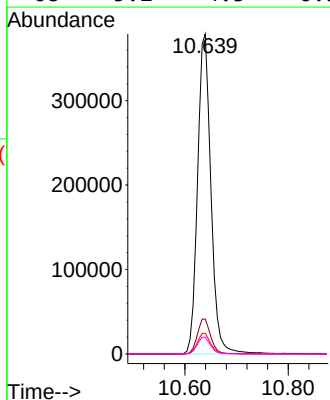
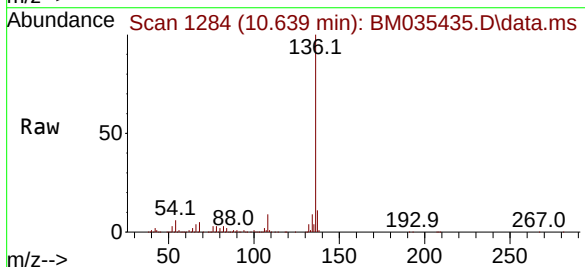
Instrument :
BNA_M
ClientSampleId :
20220400-C-2-TCLP

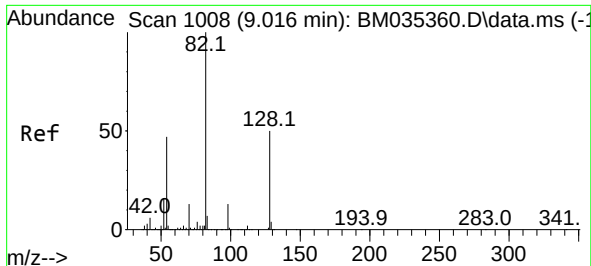
Tgt Ion: 99 Resp: 1570826
Ion Ratio Lower Upper
99 100
42 14.6 18.8 28.2#
71 30.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035435.D
Acq: 08 Jun 2022 18:24

Tgt Ion: 136 Resp: 680893
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 7.0 10.4#
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 99.585 ng

RT: 9.004 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BM035435.D

Acq: 08 Jun 2022 18:24

Instrument :

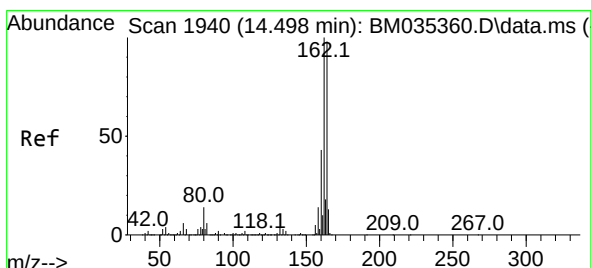
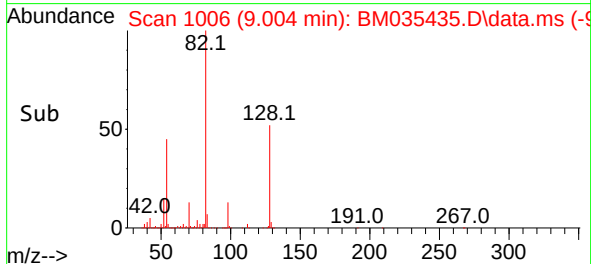
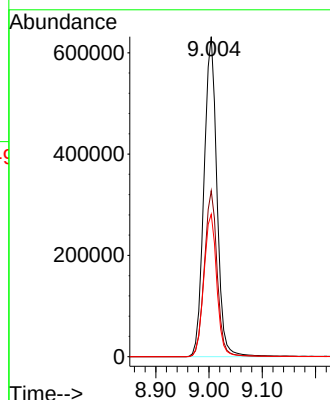
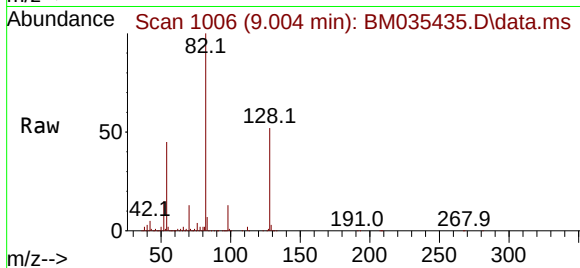
BNA_M

ClientSampleId :

20220400-C-2-TCLP

Tgt Ion: 82 Resp: 1067887

Ion	Ratio	Lower	Upper
82	100		
128	51.9	33.7	50.5#
54	44.5	43.2	64.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.480 min Scan# 1937

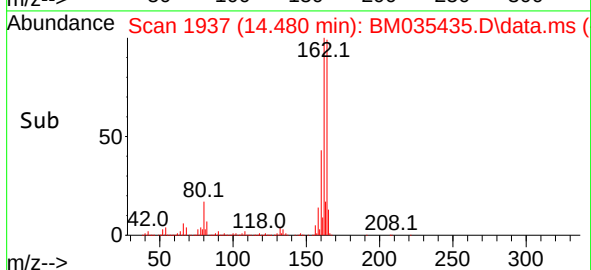
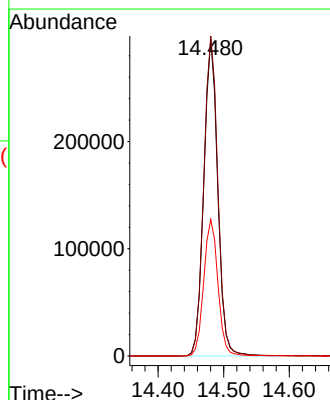
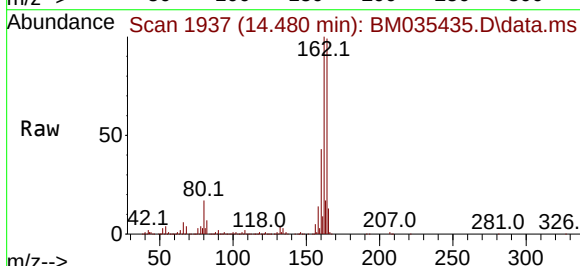
Delta R.T. -0.006 min

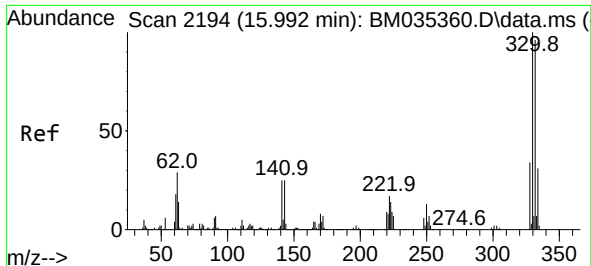
Lab File: BM035435.D

Acq: 08 Jun 2022 18:24

Tgt Ion:164 Resp: 437390

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.6
160	43.1	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 135.606 ng

RT: 15.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035435.D

Acq: 08 Jun 2022 18:24

Instrument :

BNA_M

ClientSampleId :

20220400-C-2-TCLP

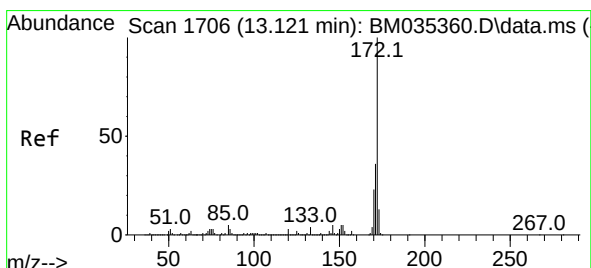
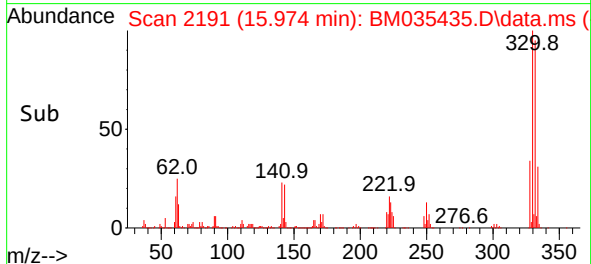
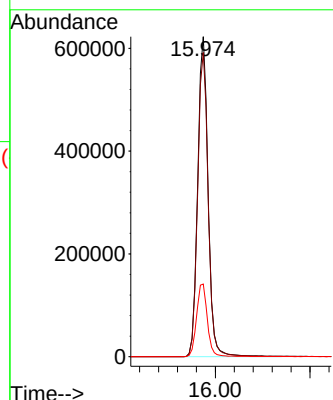
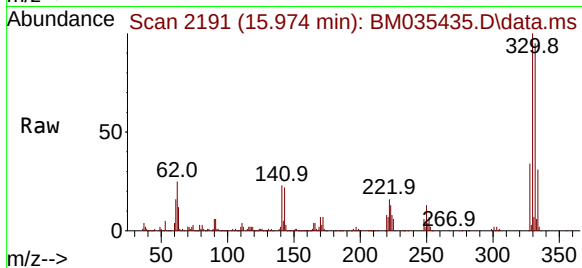
Tgt Ion:330 Resp: 951653

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 23.6 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 103.366 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM035435.D

Acq: 08 Jun 2022 18:24

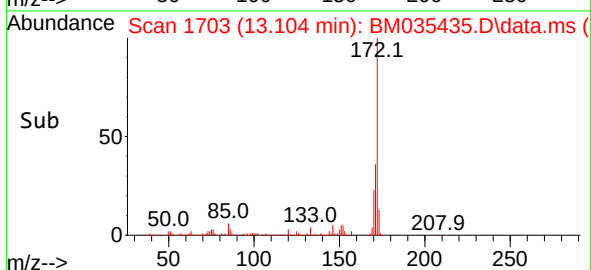
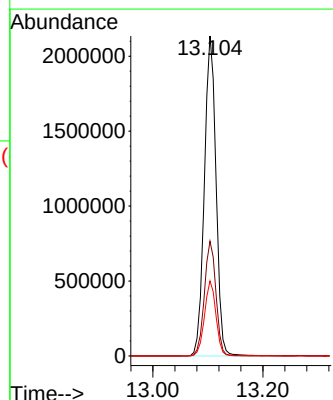
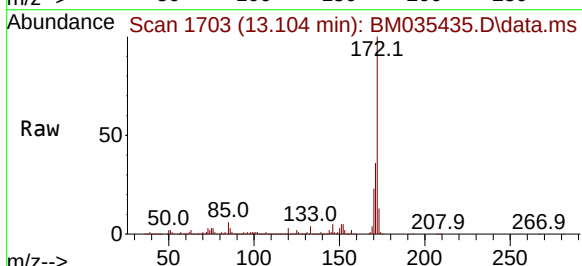
Tgt Ion:172 Resp: 3147837

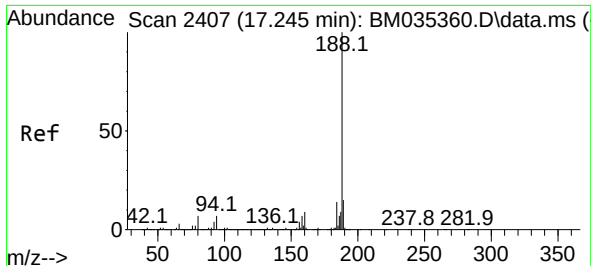
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.5 18.7 28.1

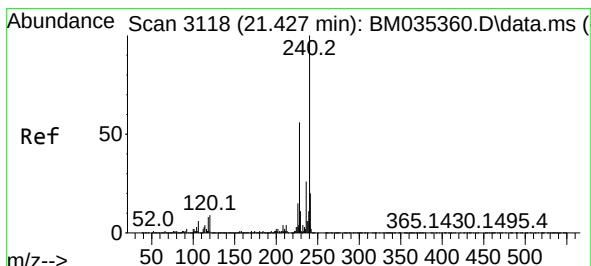
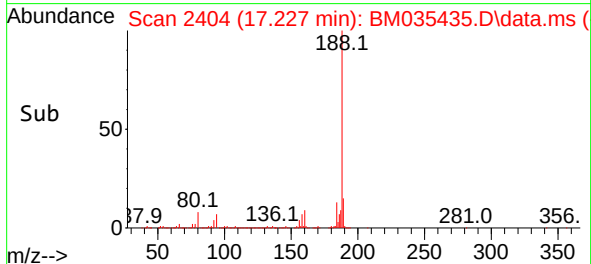
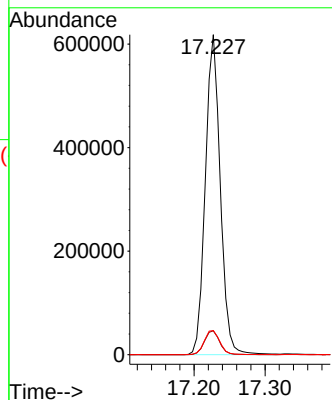
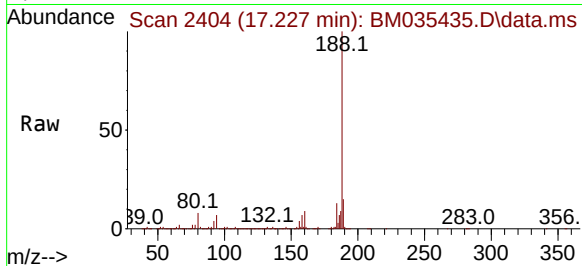




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035435.D
Acq: 08 Jun 2022 18:24

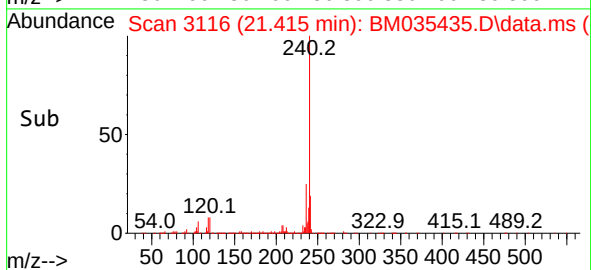
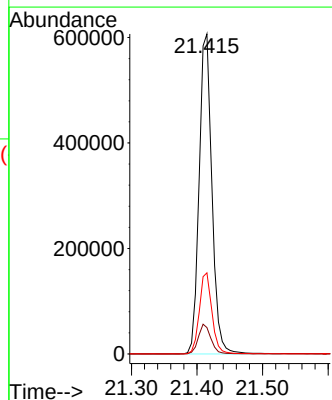
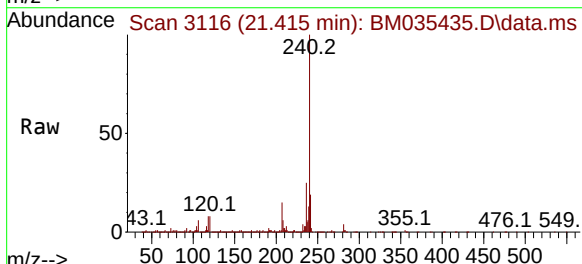
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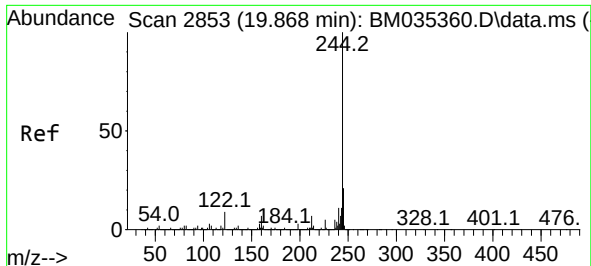
Tgt Ion:188 Resp: 905447
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 7.6 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM035435.D
Acq: 08 Jun 2022 18:24

Tgt Ion:240 Resp: 825593
Ion Ratio Lower Upper
240 100
120 8.2 9.4 14.0#
236 25.4 20.6 30.8

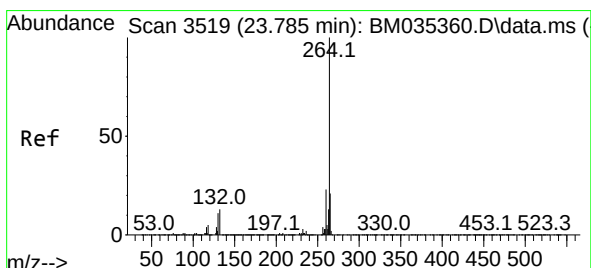
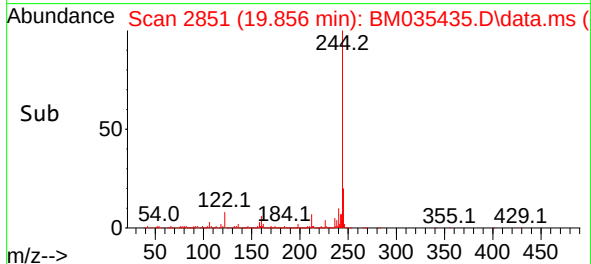
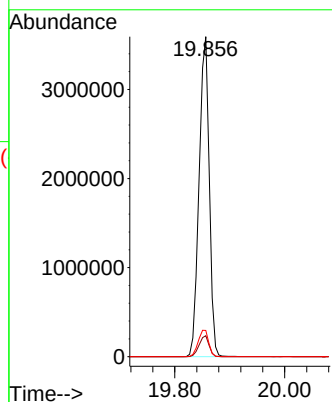
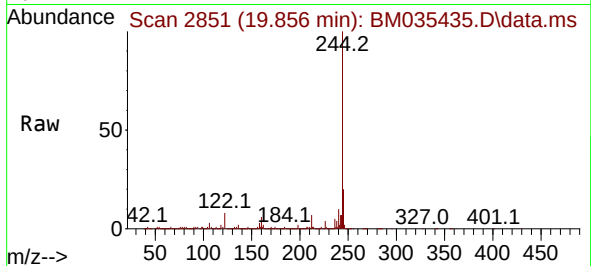




#79
 Terphenyl-d14
 Concen: 111.530 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035435.D
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Instrument :
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Tgt Ion:244 Resp: 4621767
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.2 9.4
 122 8.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BM035435.D
 Acq: 08 Jun 2022 18:24

Tgt Ion:264 Resp: 897729
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.3 17.5 26.3

