

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033422.D
 Acq On : 11 Dec 2021 21:06
 Operator : CG/JU
 Sample : M4990-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R3-COMP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 12 00:41:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	33069	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	126752	20.00	ng	# 0.00
39) Acenaphthene-d10	14.524	164	90297	20.00	ng	0.00
64) Phenanthrene-d10	17.265	188	214883	20.00	ng	# 0.00
76) Chrysene-d12	21.430	240	239109	20.00	ng	# 0.00
86) Perylene-d12	23.747	264	242327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	262697	130.32	ng	0.00
7) Phenol-d6	7.072	99	323720	115.18	ng	0.00
23) Nitrobenzene-d5	9.060	82	278224	93.20	ng	0.00
42) 2,4,6-Tribromophenol	16.012	330	162688	168.43	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	598124	91.63	ng	0.00
79) Terphenyl-d14	19.877	244	1154651	89.47	ng	0.00
Target Compounds						
32) Benzoic acid	9.995	122	2778m	2.29	ng	Qvalue

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

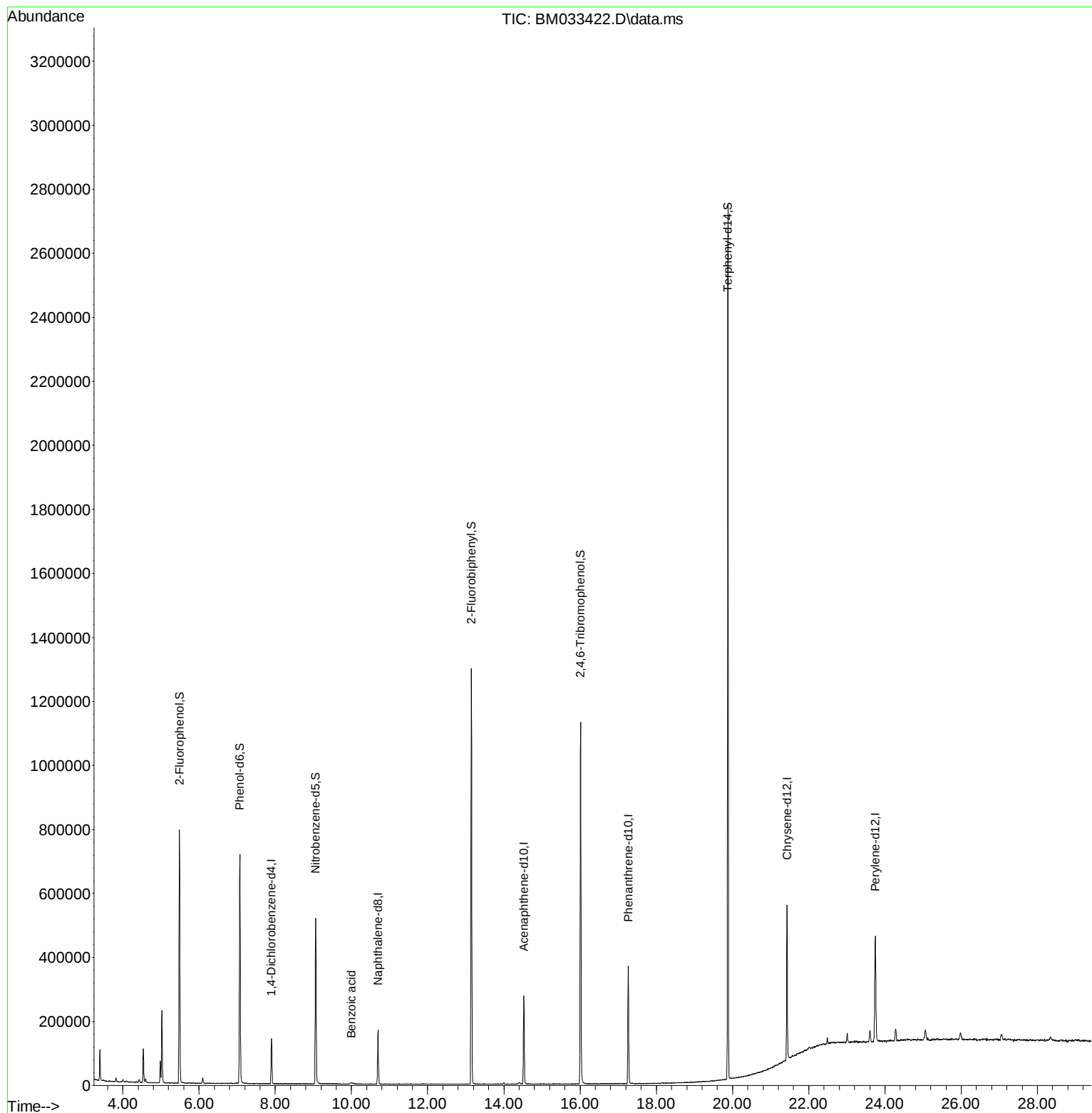
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
Data File : BM033422.D
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ALS Vial : 13 Sample Multiplier: 1

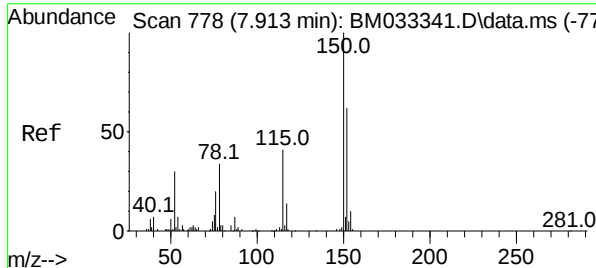
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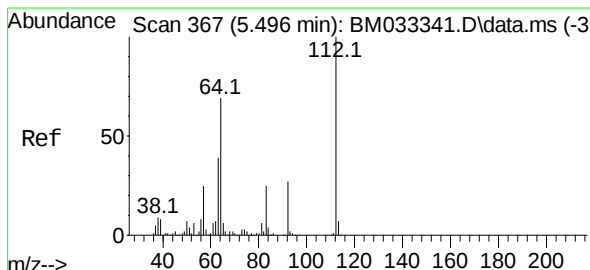
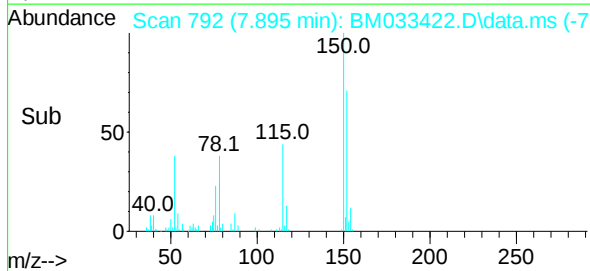
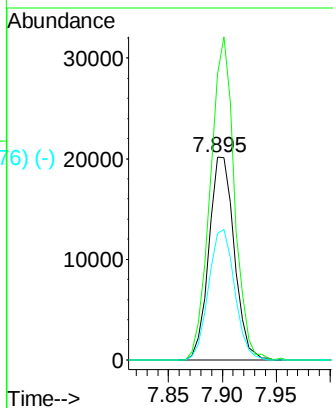
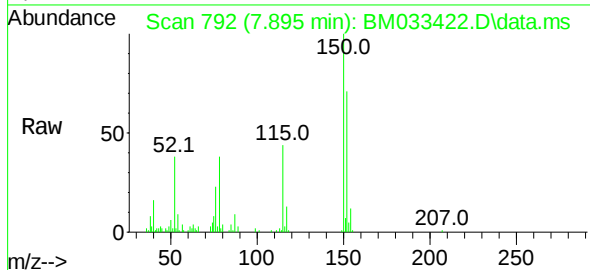
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.895 min Scan#
 Delta R.T. -0.006 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Instrument :
 BNA_M
 ClientSampleId :
 R3-COMP

Tgt Ion:152 Resp: 3300
 Ion Ratio Lower Upper
 152 100
 150 141.1 128.9 193.3
 115 62.5 53.0 79.6

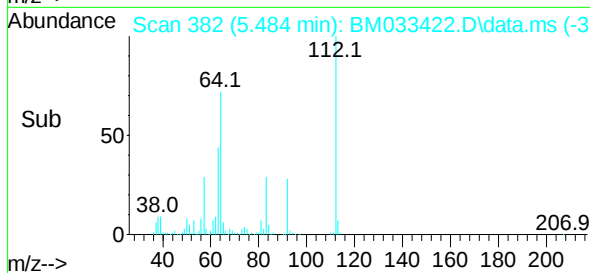
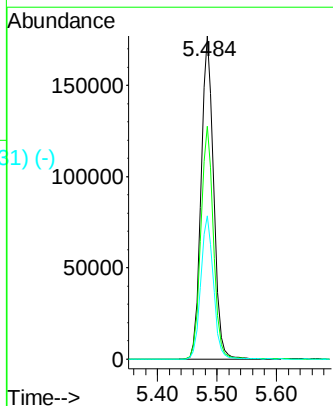
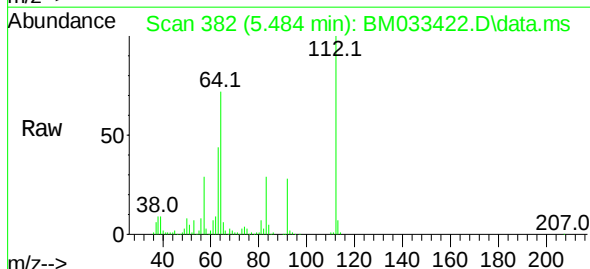
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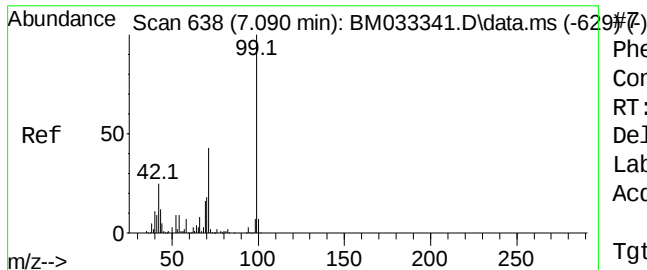
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



2-Fluorophenol
 Concen: 130.32 ng
 RT: 5.484 min Scan# 382
 Delta R.T. -0.000 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Tgt Ion:112 Resp: 262697
 Ion Ratio Lower Upper
 112 100
 64 72.0 55.5 83.3
 63 44.3 31.3 46.9





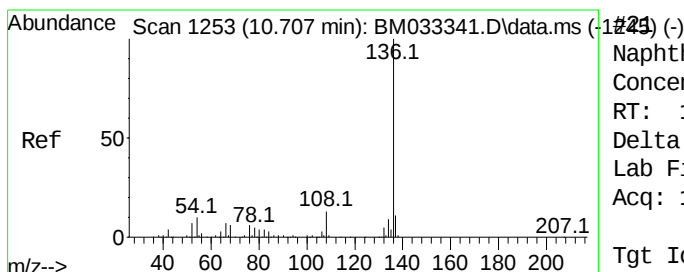
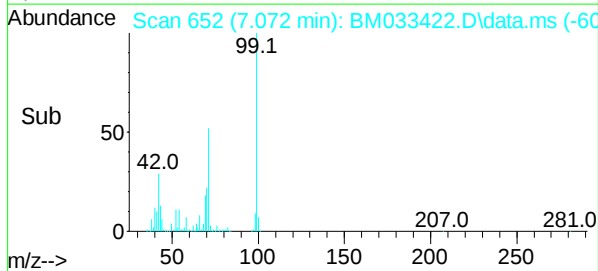
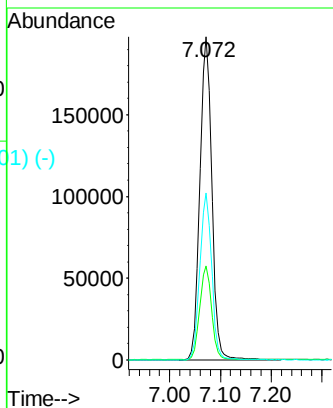
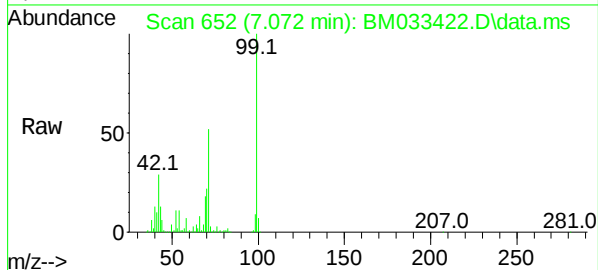
Phenol-d6
 Concen: 115.18 ng
 RT: 7.072 min Scan# 652
 Delta R.T. -0.000 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Instrument :
 BNA_M
 ClientSampleId :
 R3-COMP

Tgt Ion: 99 Resp: 32372
 Ion Ratio Lower Upper
 99 100
 42 29.1 20.3 30.5
 71 51.7 34.5 51.7

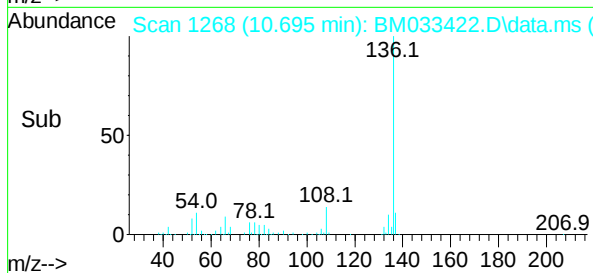
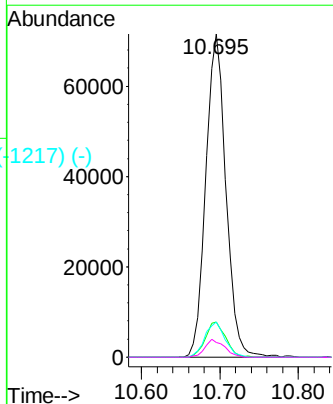
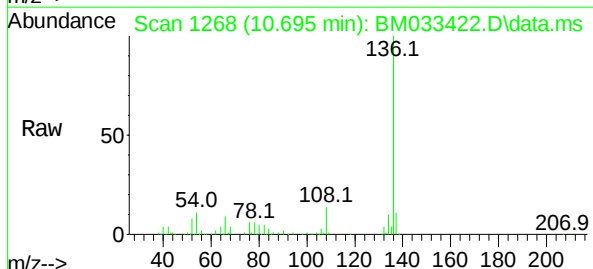
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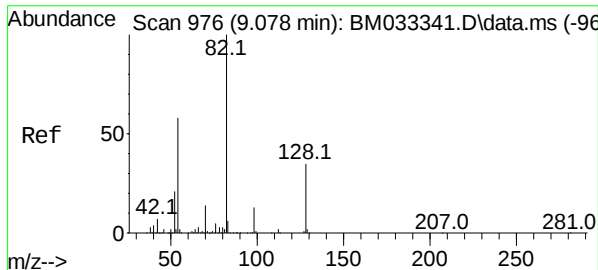
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 Supervised By :Jagrut Upadhyay 12/13/2021



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.695 min Scan# 1268
 Delta R.T. -0.000 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Tgt Ion:136 Resp: 126752
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.6 13.0
 54 11.0 8.3 12.5
 68 4.5 5.0 7.6#





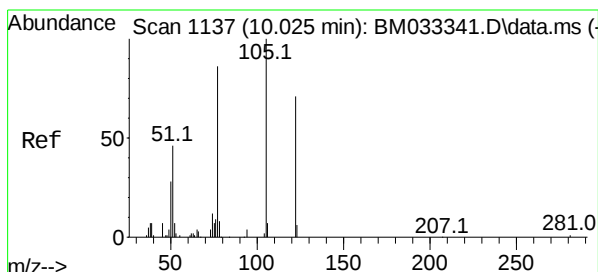
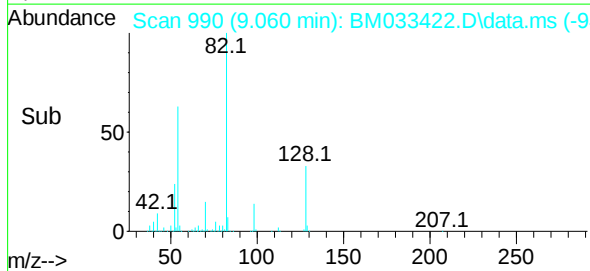
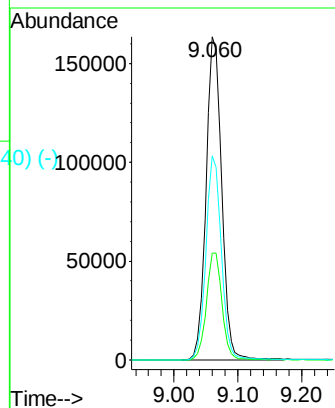
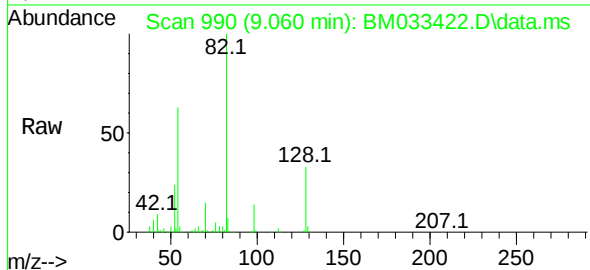
Nitrobenzene-d5
Concen: 93.20 ng
RT: 9.060 min Scan# 976
Delta R.T. -0.006 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

Instrument :
BNA_M
Client SampleId :
R3-COMP

Tgt Ion: 82 Resp: 27822
Ion Ratio Lower Upper
82 100
128 33.1 28.1 42.1
54 63.2 46.1 69.1

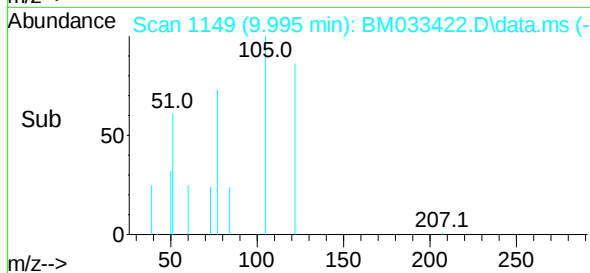
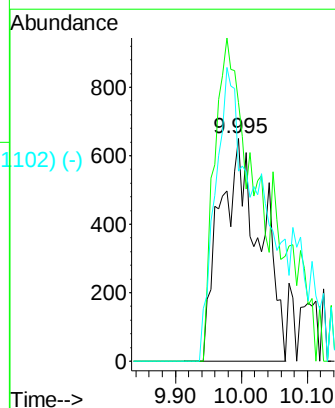
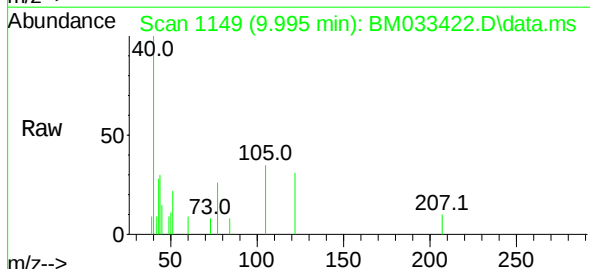
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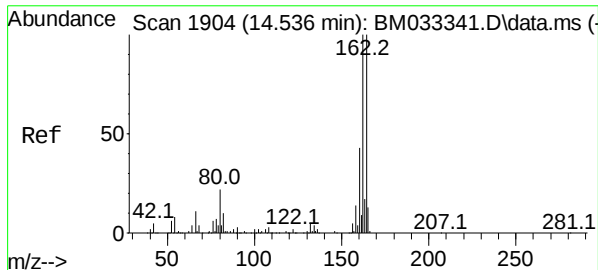
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Benzoic acid
Concen: 2.29 ng m
RT: 9.995 min Scan# 1149
Delta R.T. -0.024 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

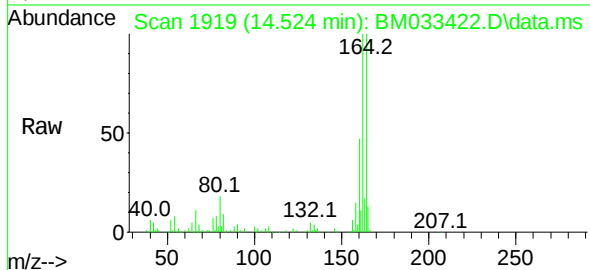
Tgt Ion:122 Resp: 2778
Ion Ratio Lower Upper
122 100
105 116.1 119.6 159.6#
77 85.3 101.0 141.0#





Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.524 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

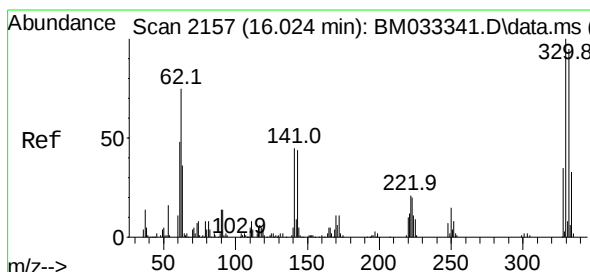
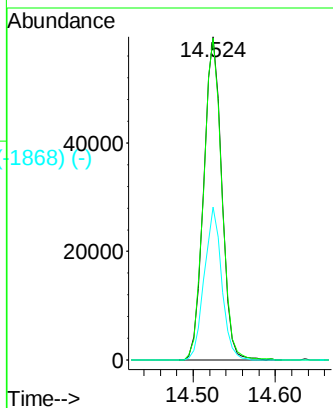
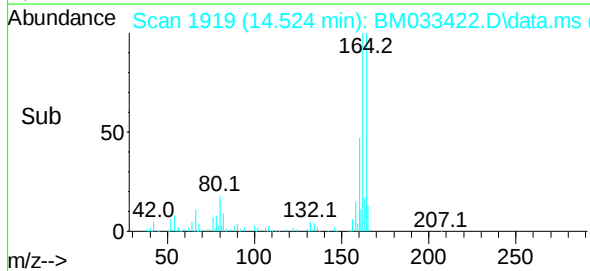
Instrument :
 BNA_M
 ClientSampleId :
 R3-COMP



Tgt Ion:164 Resp: 9029
 Ion Ratio Lower Upper
 164 100
 162 99.7 79.7 119.5
 160 47.4 34.2 51.4

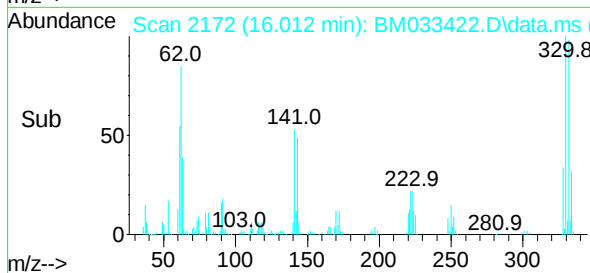
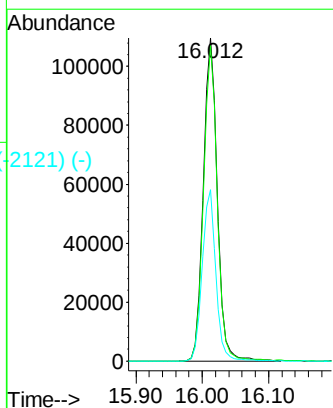
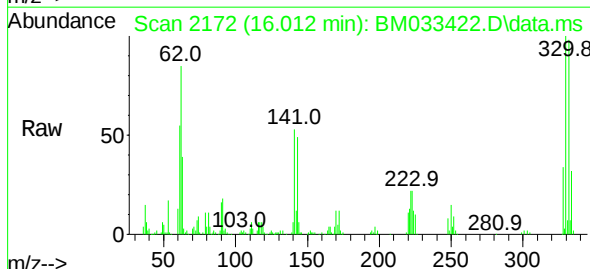
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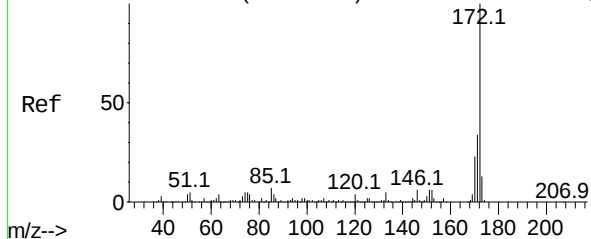


2,4,6-Tribromophenol
 Concen: 168.43 ng
 RT: 16.012 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Tgt Ion:330 Resp: 162688
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.5 114.7
 141 51.8 35.9 53.9



Abundance Scan 1670 (13.160 min): BM033341.D\data.ms (-1665) (-)



2-Fluorobiphenyl
Concen: 91.63 ng
RT: 13.148 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

Instrument :

BNA_M

ClientSampleId :

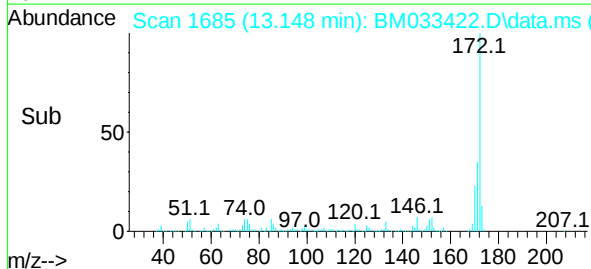
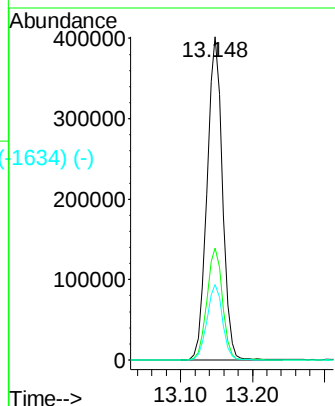
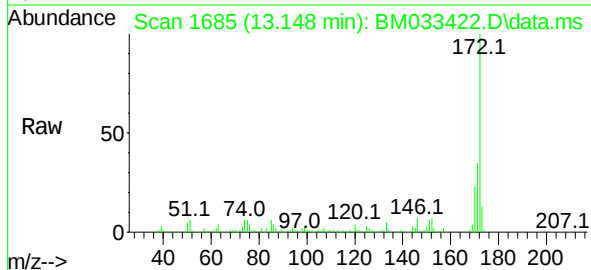
R3-COMP

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.2	40.8
170	23.4	18.7	28.1

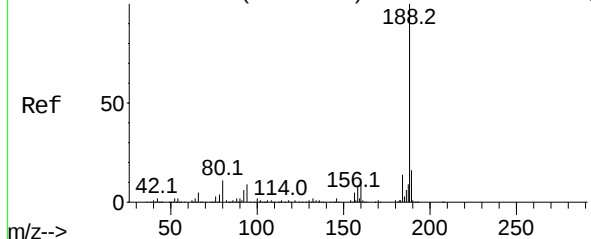
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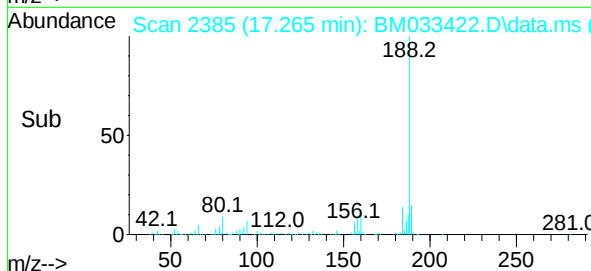
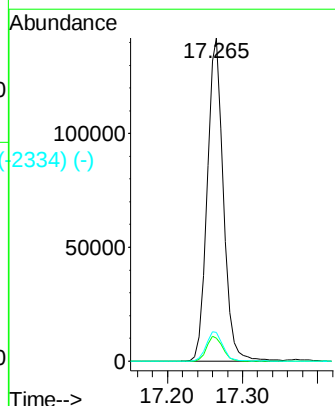
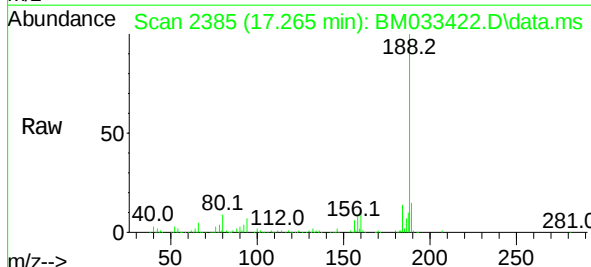


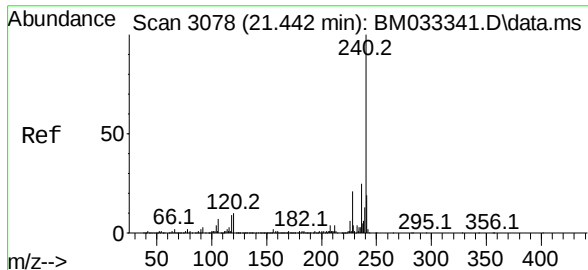
Abundance Scan 2370 (17.277 min): BM033341.D\data.ms (-2364) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM033422.D
Acq: 11 Dec 2021 21:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.5	11.3#
80	9.0	8.9	13.3





Scan 3078 (21.442 min): BM033341.D\data.ms (-3078) (-)
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.430 min Scan# 3078
 Delta R.T. -0.000 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Instrument :

BNA_M

ClientSampleId :

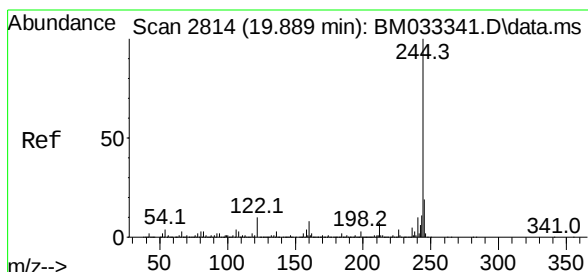
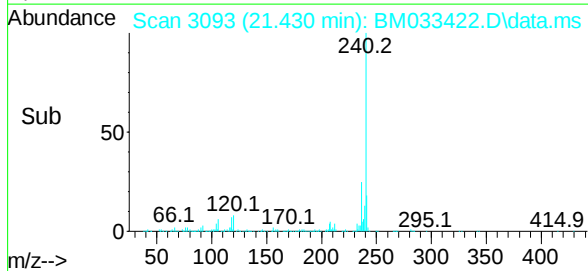
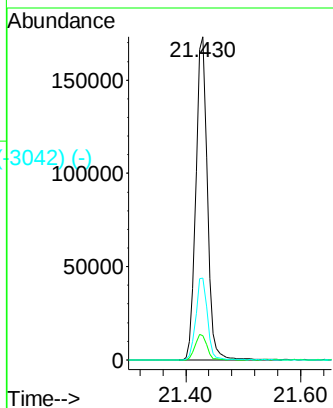
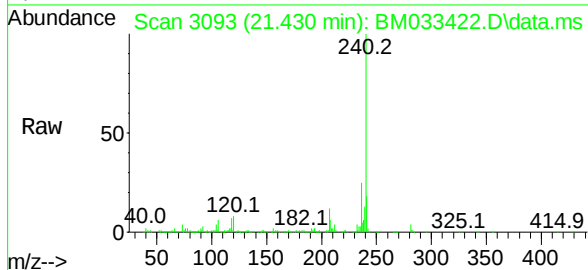
R3-COMP

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.8	11.6
236	25.4	20.3	30.5

Manual Integrations

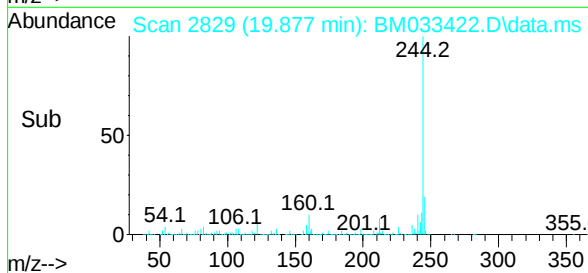
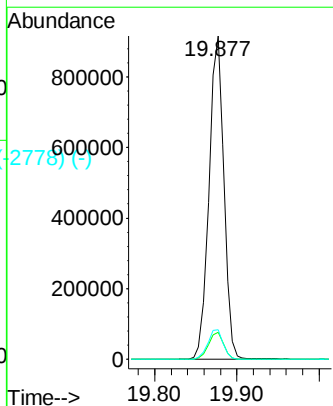
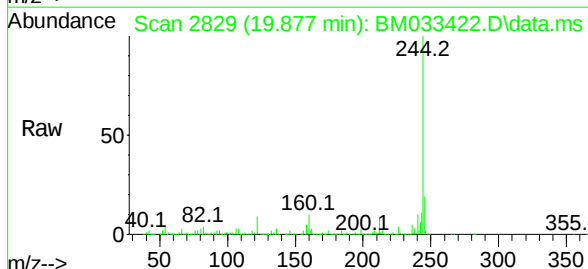
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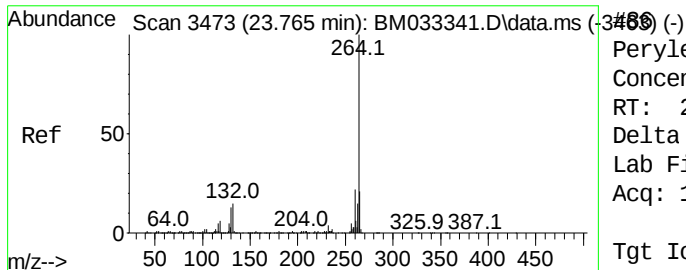
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Scan 2814 (19.889 min): BM033341.D\data.ms (-2814) (-)
 Terphenyl-d14
 Concen: 89.47 ng
 RT: 19.877 min Scan# 2829
 Delta R.T. -0.000 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.9	8.9
122	9.0	8.4	12.6





Perylene-d12
 Concen: 20.00 ng
 RT: 23.747 min Scan# 3469
 Delta R.T. -0.006 min
 Lab File: BM033422.D
 Acq: 11 Dec 2021 21:06

Instrument :
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 R3-COMP

Tgt Ion:	264	Resp:	24232
Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.7	26.5
265	21.7	17.7	26.5

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