

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
 Data File : BN016457.D
 Acq On : 25 Sep 2021 04:13
 Operator : CG/JU
 Sample : M3782-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20210914

Manual Integrations
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mohammad
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Quant Time: Sep 25 05:07:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21642	0.40	ng	0.00
7) Naphthalene-d8	10.432	136	96482	0.40	ng	#-0.01
13) Acenaphthene-d10	14.294	164	50582	0.40	ng	0.00
19) Phenanthrene-d10	17.042	188	106320	0.40	ng	0.00
29) Chrysene-d12	21.249	240	96384	0.40	ng	# 0.00
35) Perylene-d12	23.515	264	84516	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.301	112	6221	0.13	ng	0.02
5) Phenol-d6	6.850	99	4089	0.07	ng	0.00
8) Nitrobenzene-d5	8.810	82	18973	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.030	152	39375	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3719	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	52160	0.25	ng	-0.01
27) Fluoranthene-d10	19.088	212	95060	0.33	ng	0.00
31) Terphenyl-d14	19.698	244	76687	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	3058m	0.33	ng	Qvalue
24) Pentachlorophenol	16.701	266	46	0.25	ng	# 77
25) Phenanthrene	17.091	178	50406	0.16	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.185	149	14362	0.19	ng	97

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

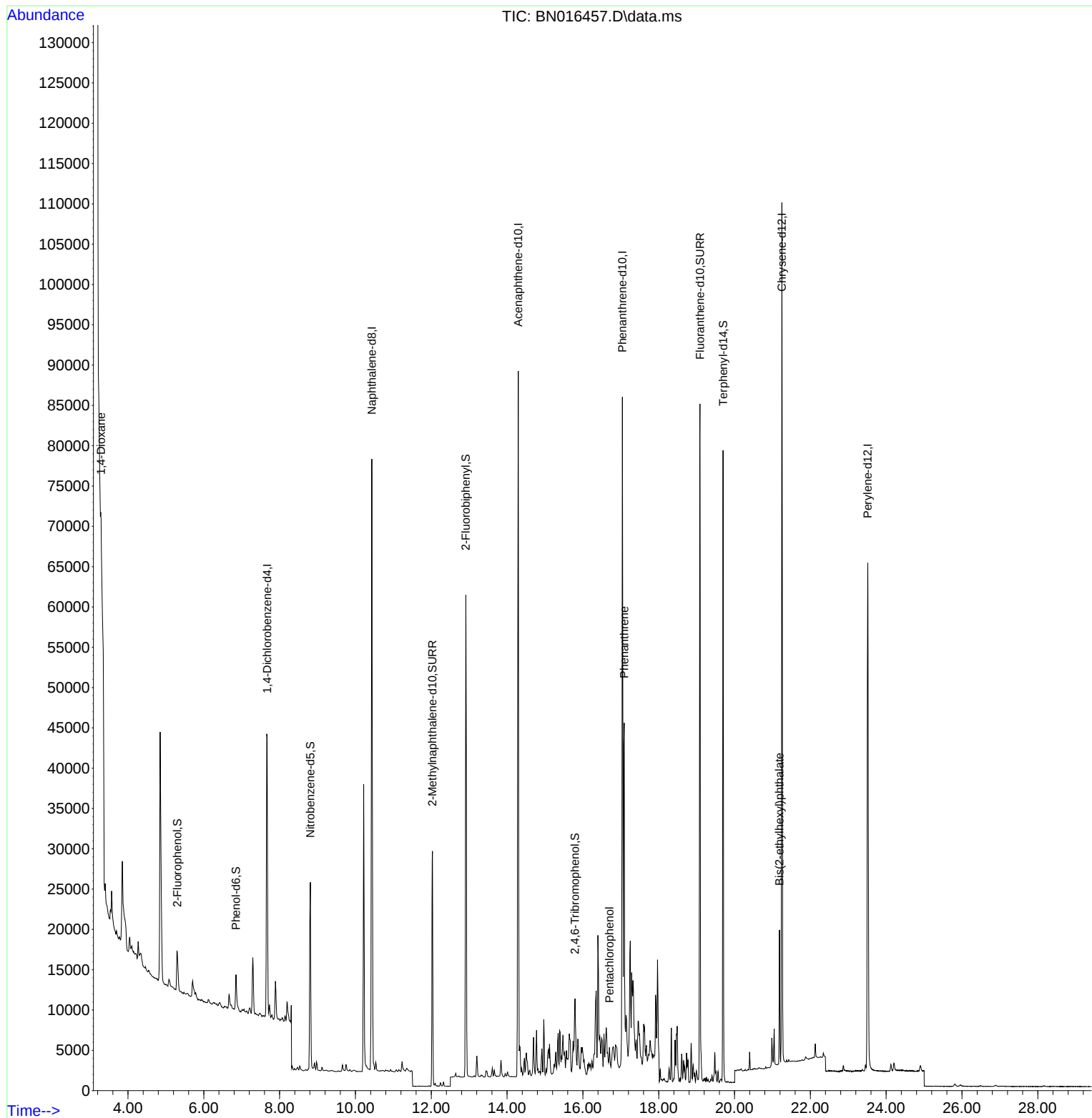
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
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QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016457.D
 Acq: 25 Sep 2021 04:13

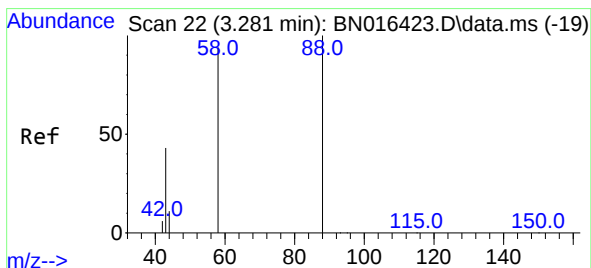
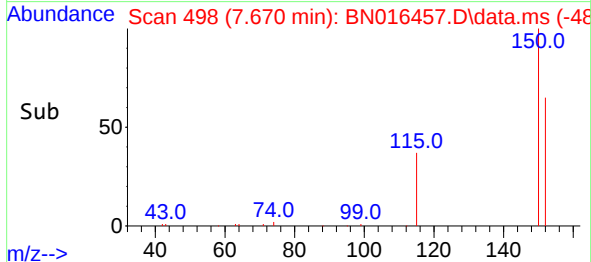
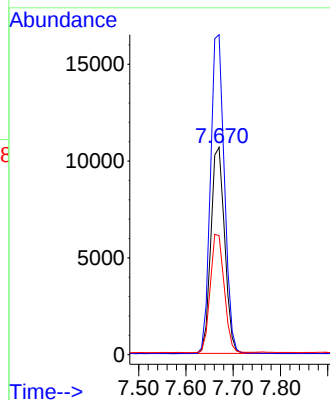
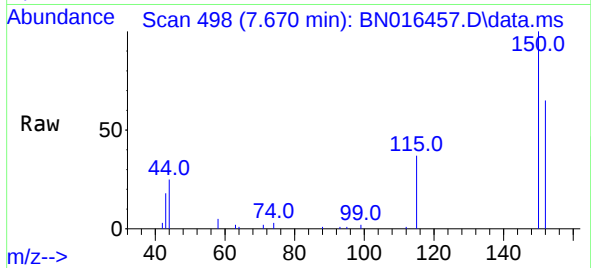
Tgt Ion: 152 Resp: 21642

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.6	188.4
115	57.4	50.2	75.2

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20210914

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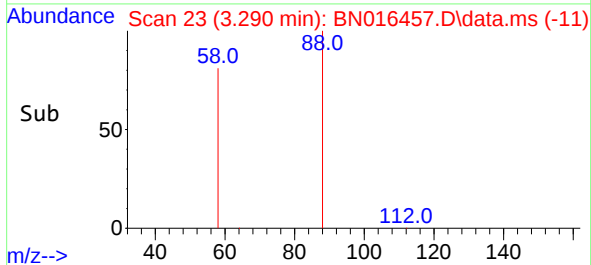
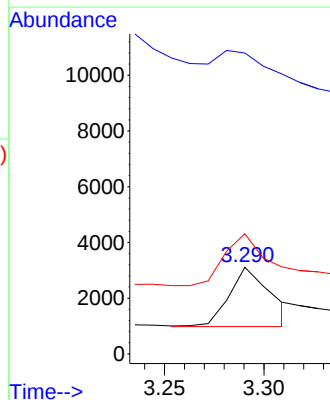
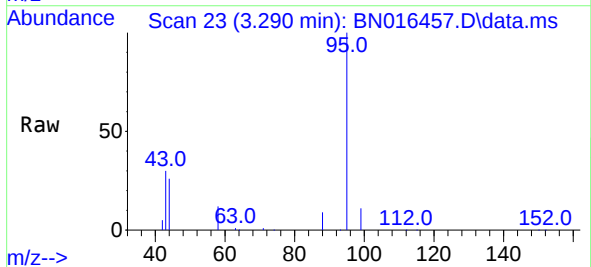
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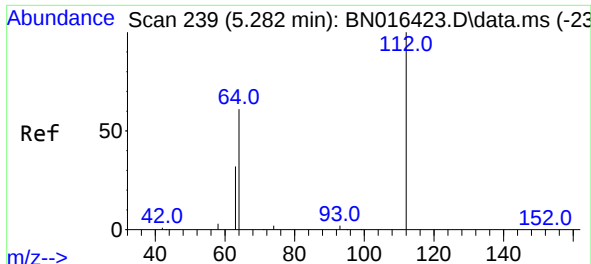


#2
 1,4-Dioxane
 Concen: 0.33 ng m
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016457.D
 Acq: 25 Sep 2021 04:13

Tgt Ion: 88 Resp: 3058

Ion	Ratio	Lower	Upper
88	100		
43	55.9	20.3	30.5
58	99.3	69.9	104.9





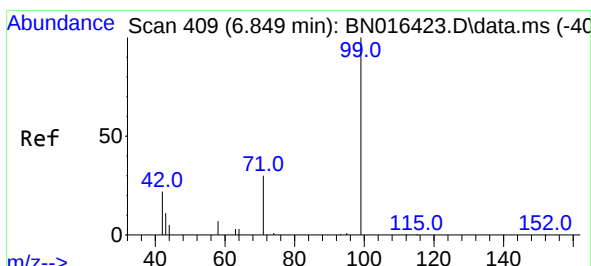
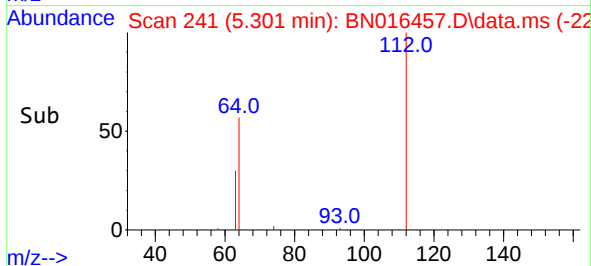
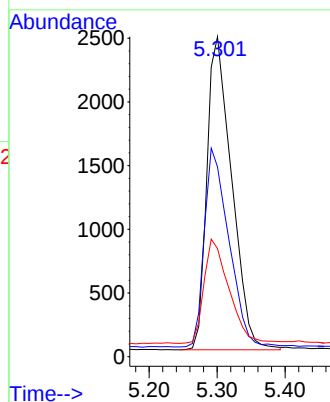
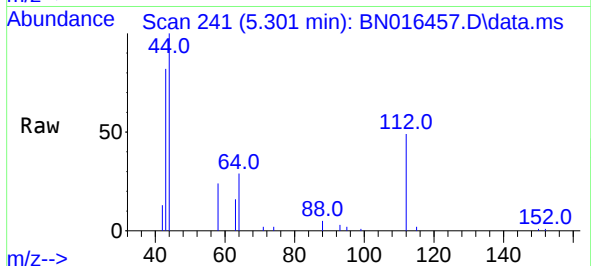
#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.301 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion: 112 Resp: 6221
Ion Ratio Lower Upper
112 100
64 62.9 47.3 70.9
63 33.5 23.4 35.0

Instrument :
BNA_N
ClientSampleId :
DUP02-20210914

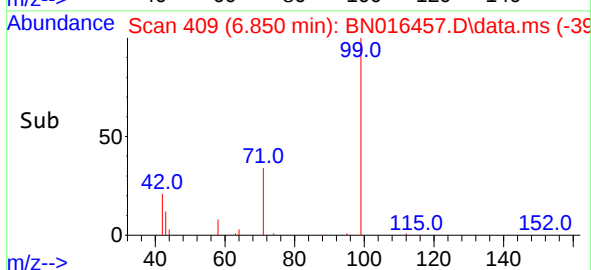
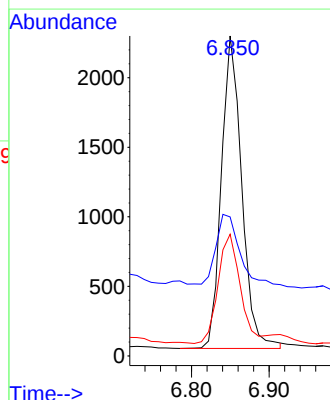
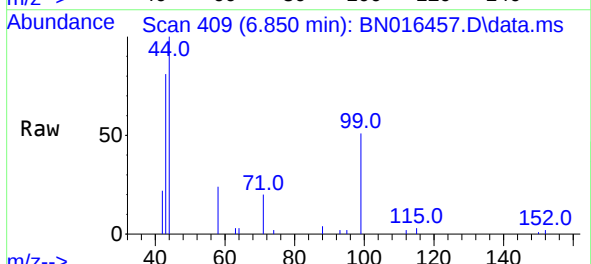
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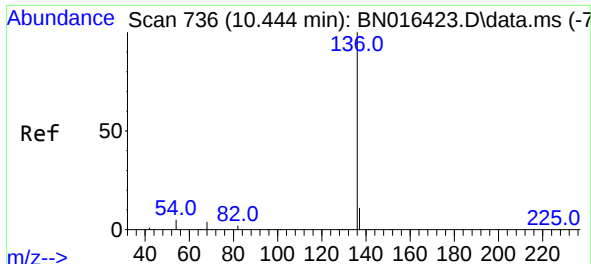
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#5
Phenol-d6
Concen: 0.07 ng
RT: 6.850 min Scan# 409
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

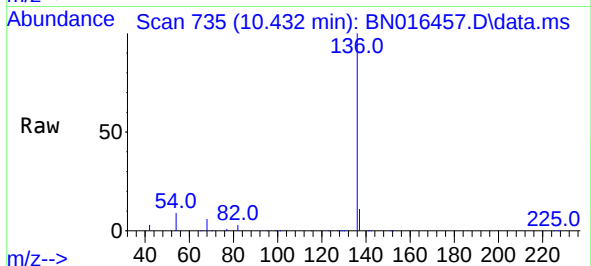
Tgt Ion: 99 Resp: 4089
Ion Ratio Lower Upper
99 100
42 25.1 14.0 21.0#
71 38.5 23.8 35.6#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

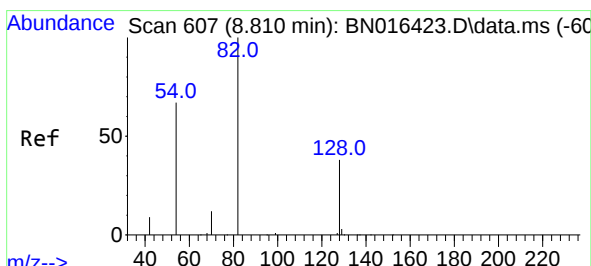
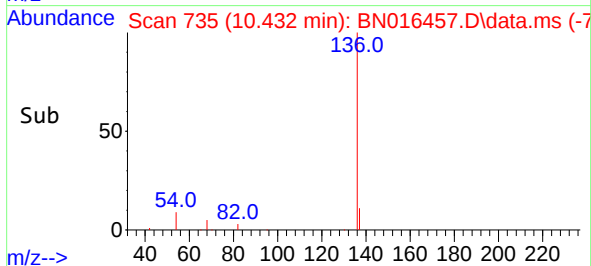
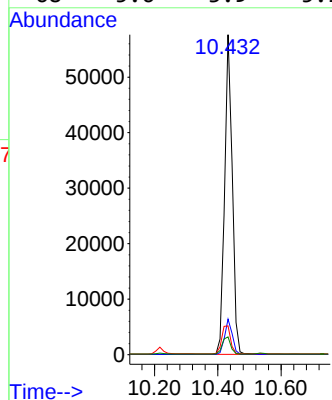
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ClientSampleId :
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Tgt Ion:	136	Resp:	96482
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.0	5.3	7.9#
68	5.6	3.9	5.9

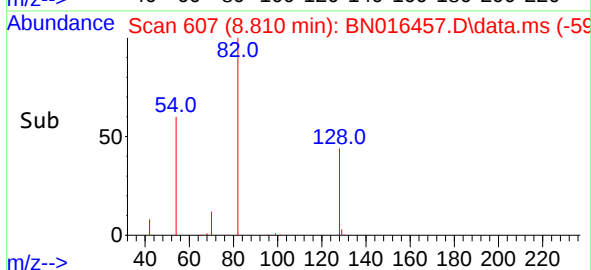
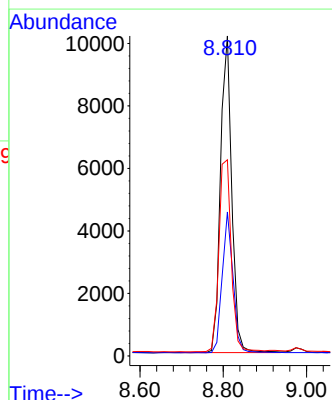
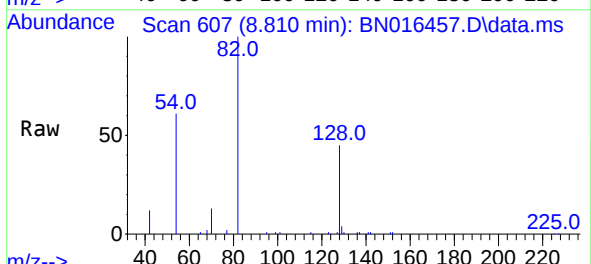
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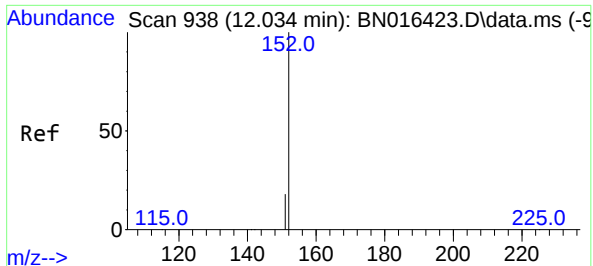
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#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:	82	Resp:	18973
Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.7	47.5
54	61.3	46.4	69.6





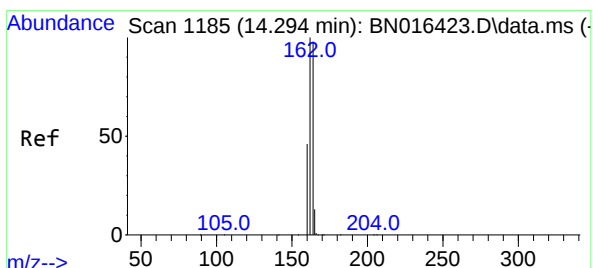
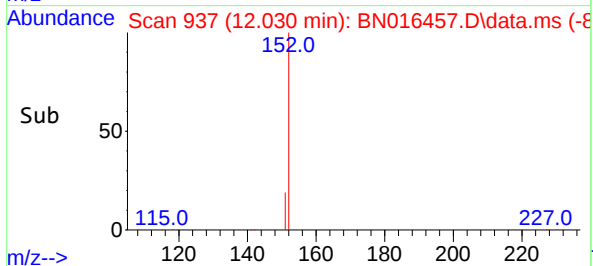
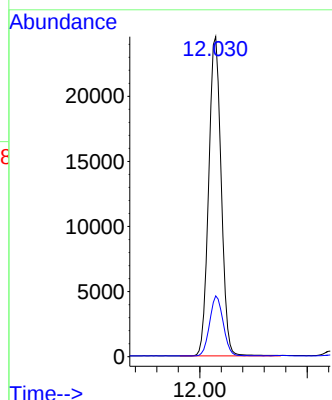
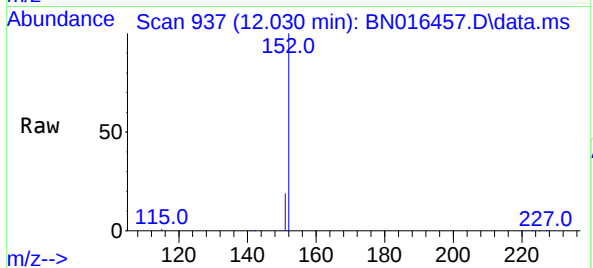
#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.030 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:152 Resp: 39375
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1

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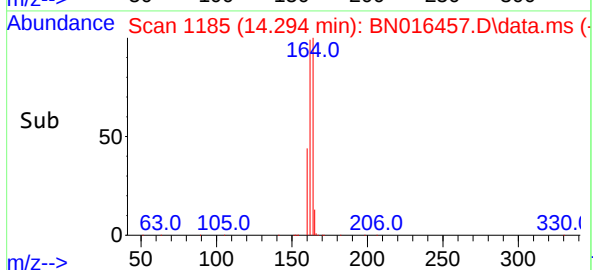
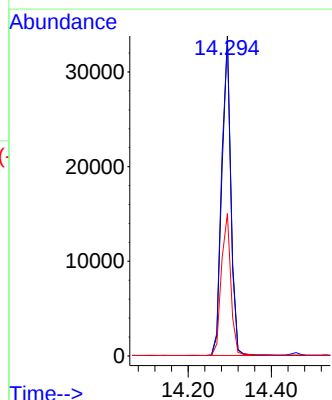
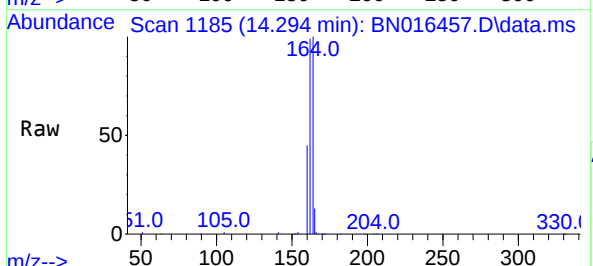
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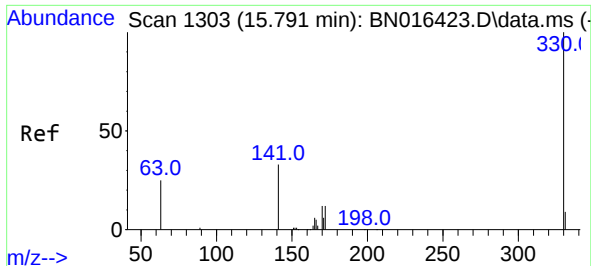
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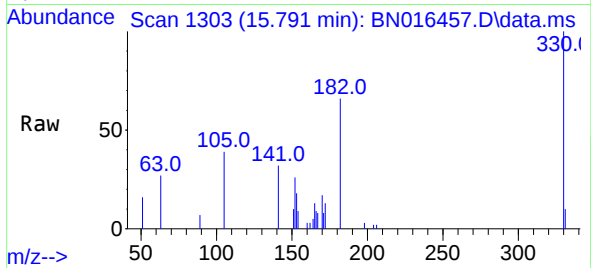
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:164 Resp: 50582
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.4
160 44.5 34.1 51.1

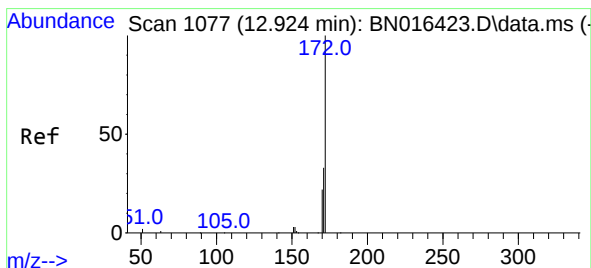
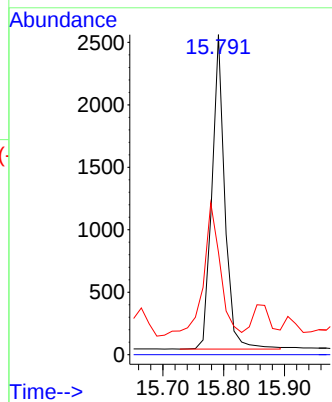
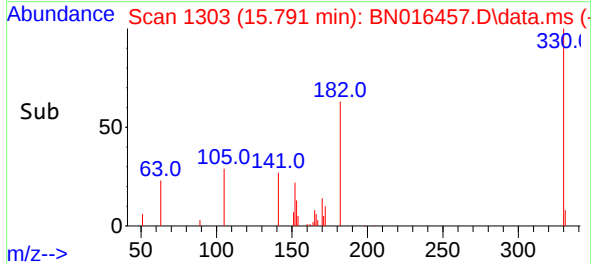




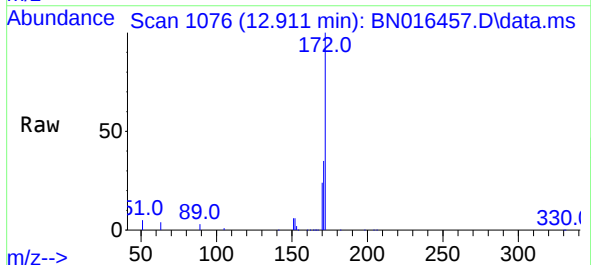
#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13



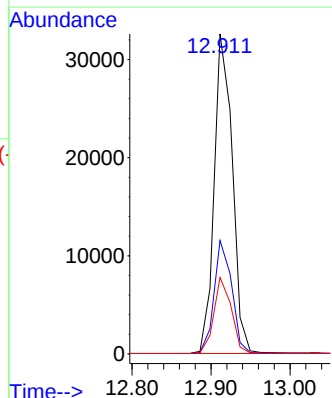
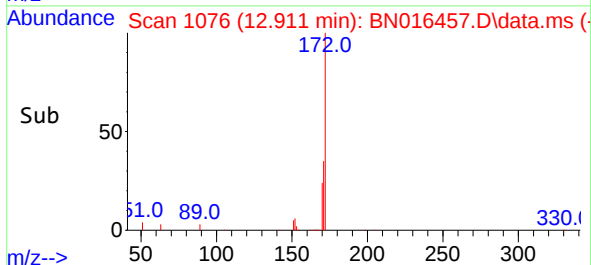
Tgt Ion:330 Resp: 3719
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.8 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.012 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13



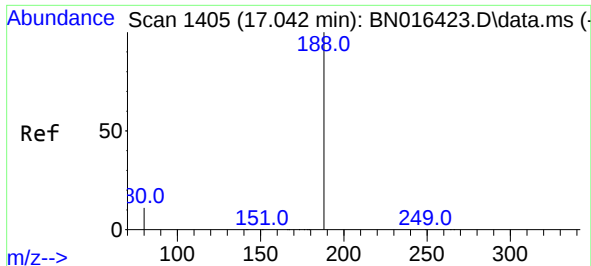
Tgt Ion:172 Resp: 52160
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.9 18.2 27.2



Instrument :
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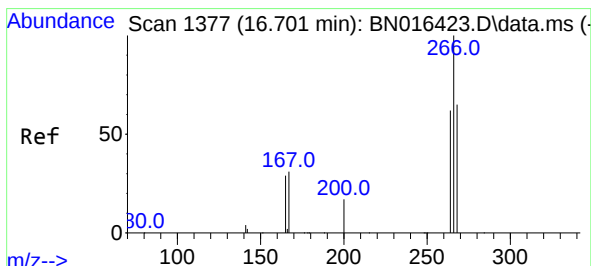
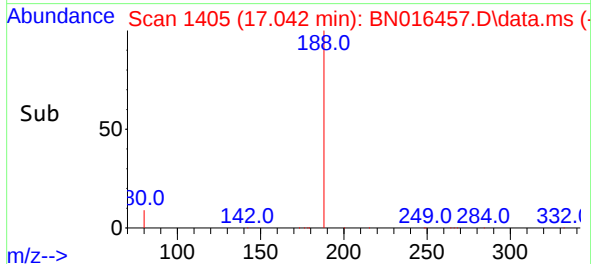
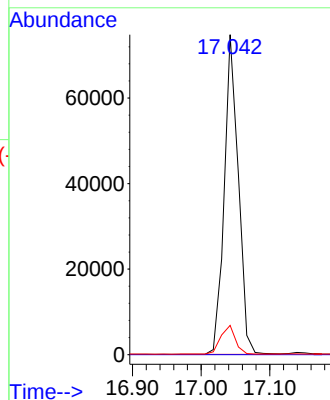
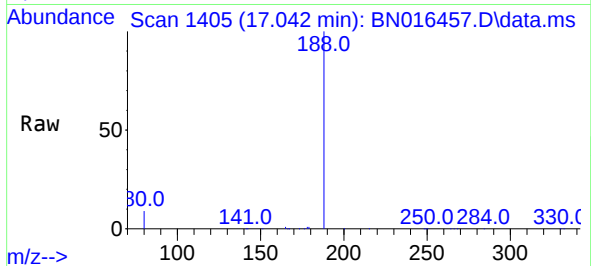
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:188 Resp: 106320
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.0 10.6

Instrument :
BNA_N
ClientSampleId :
DUP02-20210914

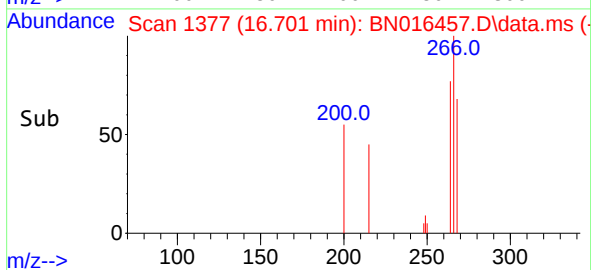
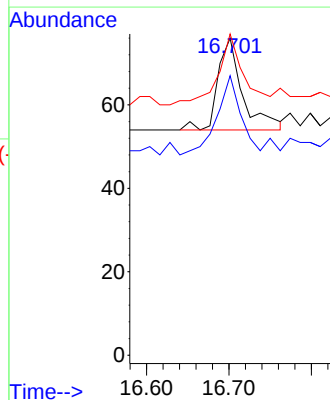
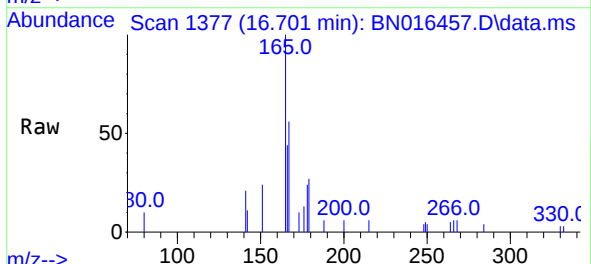
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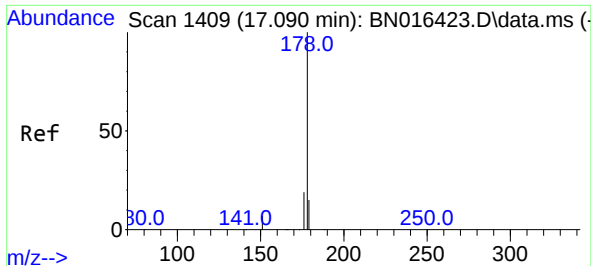
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#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:266 Resp: 46
Ion Ratio Lower Upper
266 100
264 84.8 50.6 75.8#
268 80.4 52.6 79.0#





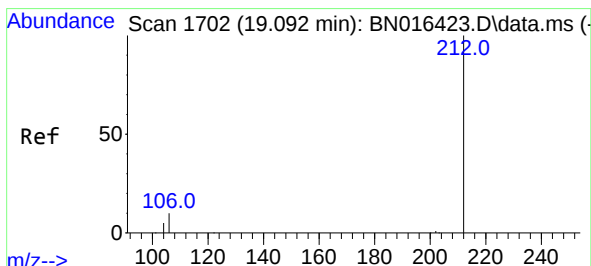
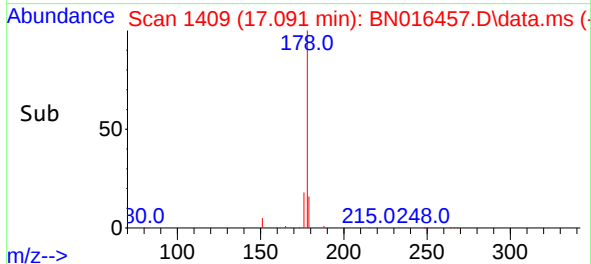
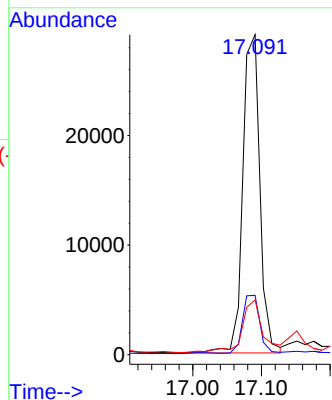
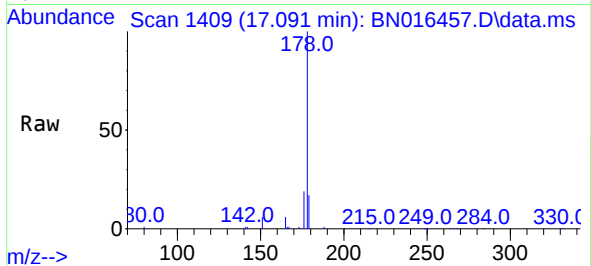
#25
Phenanthrene
Concen: 0.16 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:178 Resp: 50406
Ion Ratio Lower Upper
178 100
176 18.2 14.4 21.6
179 20.1 12.2 18.4#

Instrument :
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DUP02-20210914

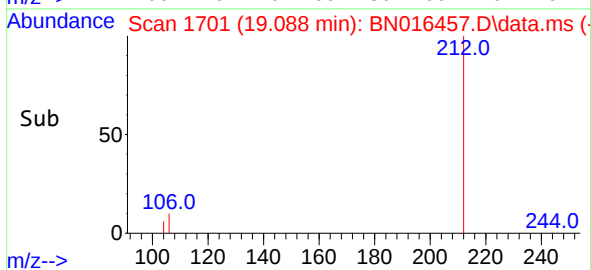
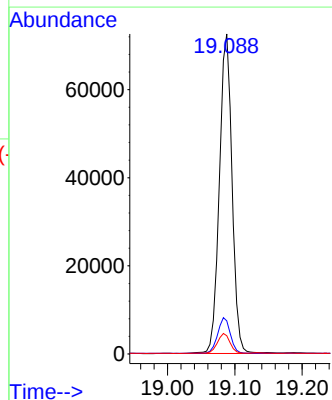
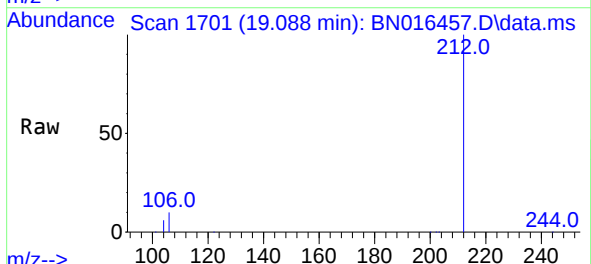
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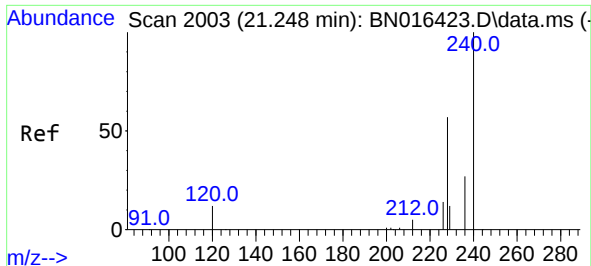
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#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:212 Resp: 95060
Ion Ratio Lower Upper
212 100
106 11.1 9.8 14.6
104 6.3 5.4 8.2





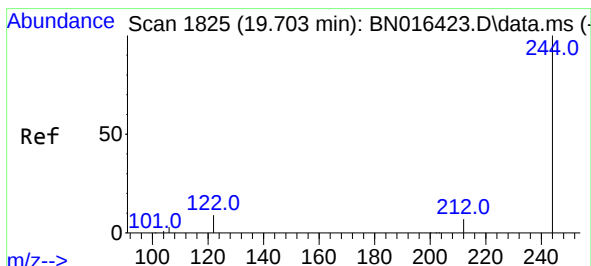
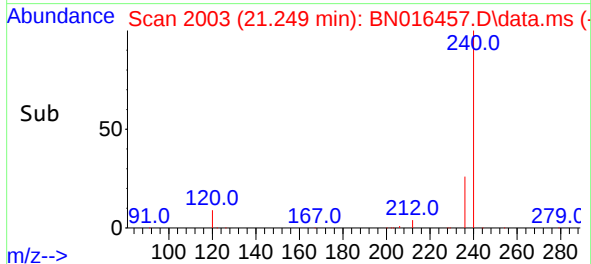
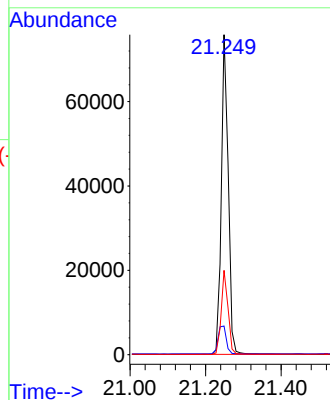
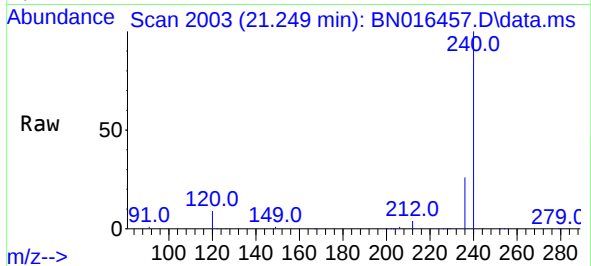
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:240 Resp: 96384
Ion Ratio Lower Upper
240 100
120 9.0 5.3 7.9#
236 26.3 19.8 29.8

Instrument :
BNA_N
ClientSampleId :
DUP02-20210914

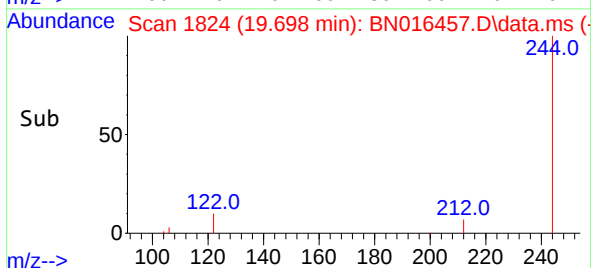
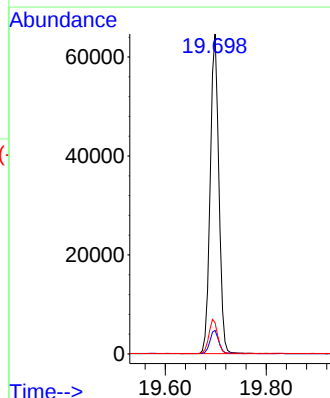
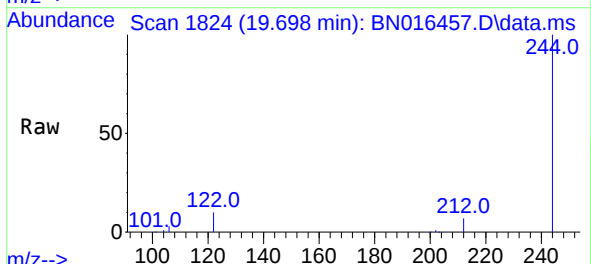
Manual Integrations
APPROVED

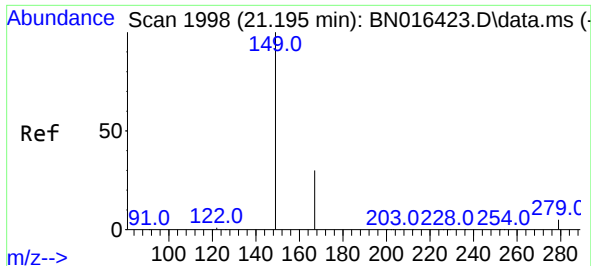
mohammad
9/27/2021 3:00:23 PM



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:244 Resp: 76687
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 9.7 9.0 13.4





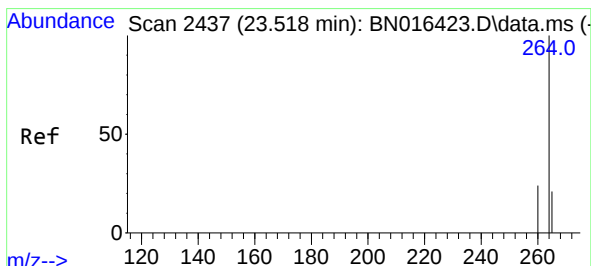
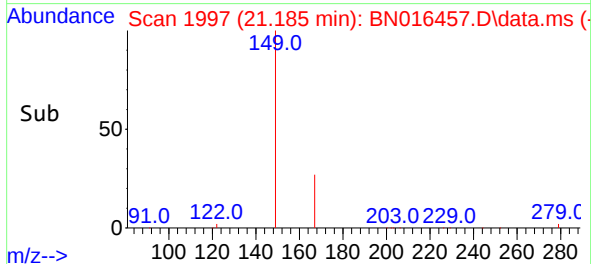
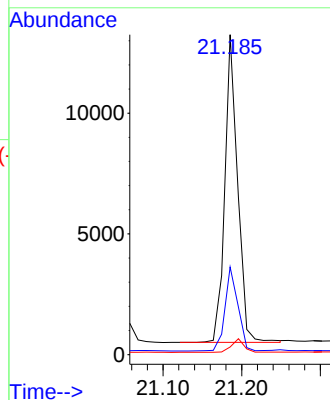
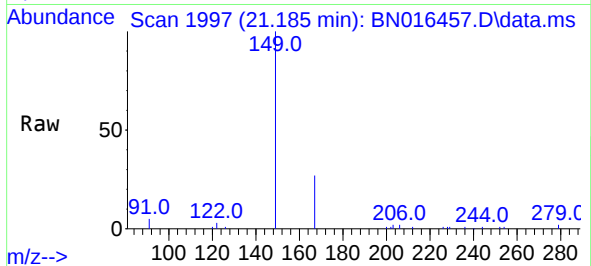
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:149 Resp: 14362
Ion Ratio Lower Upper
149 100
167 27.6 23.4 35.0
279 4.3 3.9 5.9

Instrument :
BNA_N
ClientSampleId :
DUP02-20210914

Manual Integrations
APPROVED

mohammad
9/27/2021 3:00:23 PM



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.003 min
Lab File: BN016457.D
Acq: 25 Sep 2021 04:13

Tgt Ion:264 Resp: 84516
Ion Ratio Lower Upper
264 100
260 24.3 18.9 28.3
265 24.0 23.7 35.5

