Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021811.D
Acq On : 04 Sep 2024 08:02
Operator : RC/JU
Sample : P3809-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YE3E1

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 05 01:44:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	404562	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.563	136	1580502	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1128453	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.216	188	2343172	20.000	ng/ul	-0.01
79) Chrysene-d12	21.663	240	2001037	20.000	ng/ul	0.00
88) Perylene-d12	25.063	264	2350711	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	40006	3.283	ng/uL	0.00
4) Pyridine-d5	3.687	84	374504	10.625	ng/ul	0.00
7) Phenol-d5	6.952	99	247993	5.744	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	256448	10.914	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	268165	9.621	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	380352	11.400	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	160755	12.642	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	127820	9.903	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	249412	9.806	ng/ul	0.01
31) 4-Chloroaniline-d4	10.705	131	411619	11.123	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	1008371	11.678	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	868335	8.957	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.728	143	162329m	9.882	ng/ul	0.10
60) Fluorene-d10	15.428	176	638005	8.789	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.551	200	78417	6.085	ng/ul	0.00
73) Anthracene-d10	17.322	188	1000439	8.996	ng/ul	-0.02
81) Pyrene-d10	19.686	212	1183506	10.346	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.833	264	1072714	8.558	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	233683	18.044	ng/uL#	95
8) Phenol	6.981	94	56845	1.263	ng/ul	99
13) 2-Methylphenol	8.246	108	16963410	522.323	ng/ul	100
18) 4-Methylphenol	8.552	108	163442	4.597	ng/ul	96
26) 2,4-Dimethylphenol	9.769	107	15895963m	452.887	ng/ul	
30) Naphthalene	10.616	128	1987222	22.309	ng/ul	99
35) 4-Chloro-3-methylphenol	11.869	107	1181437	34.924	ng/ul	97
36) 2-Methylnaphthalene	12.234	142	4091051	67.900	ng/ul	100
37) 1-Methylnaphthalene	12.451	142	3269418	53.949	ng/ul	99
52) Acenaphthene	14.487	153	76054	1.037	ng/ul	97

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

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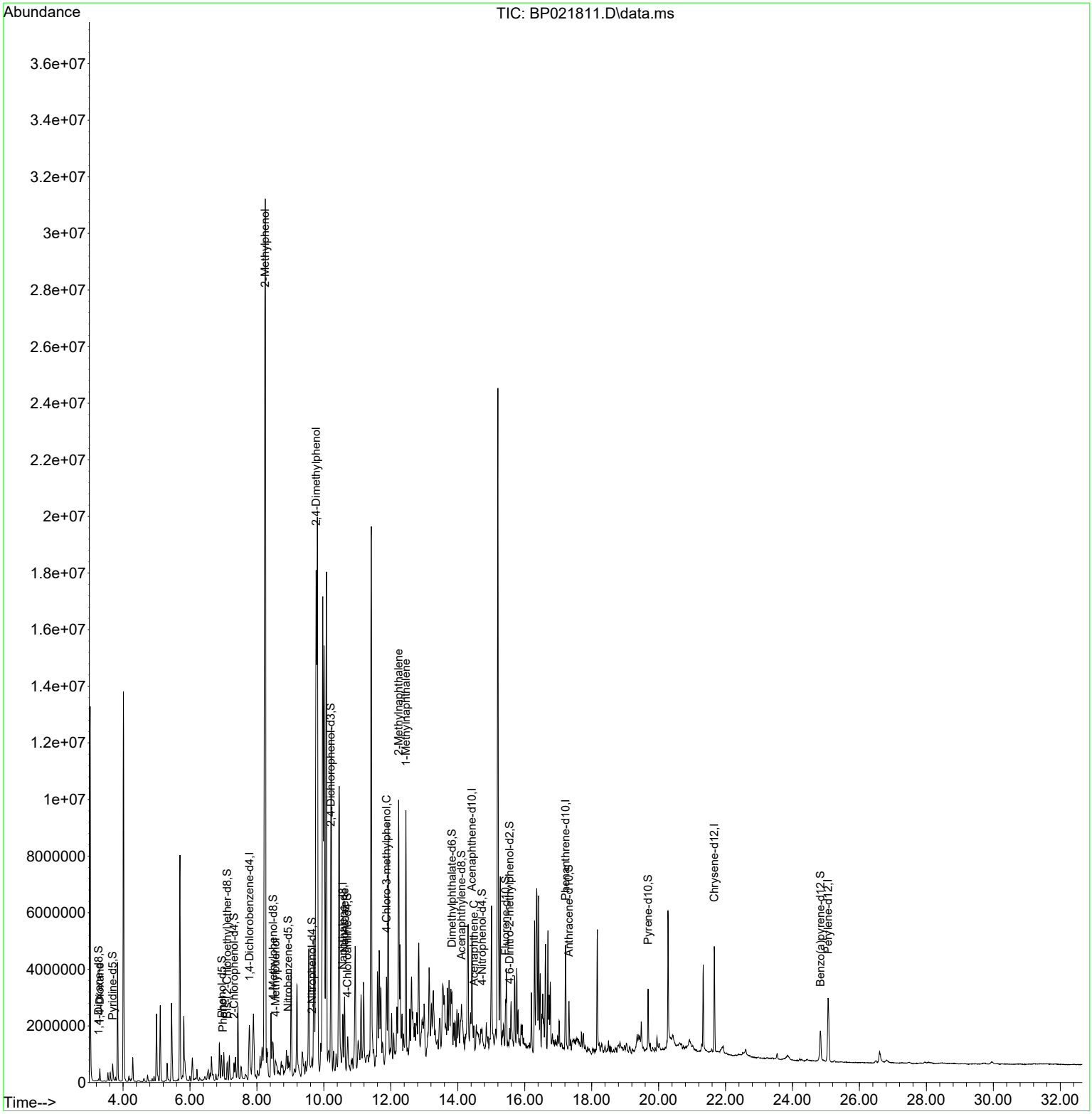

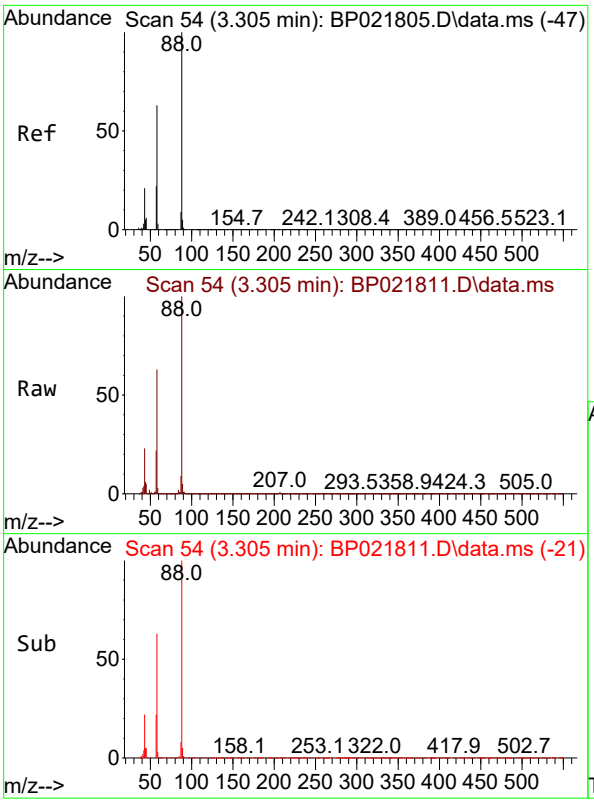

#2
1,4-Dioxane
Concen: 18.044 ng/uL
RT: 3.305 min Scan# 54
Delta R.T. -0.006 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion: 88 Resp: 23368

Ion	Ratio	Lower	Upper
88	100		
43	23.4	15.4	23.2
58	62.9	48.2	72.2

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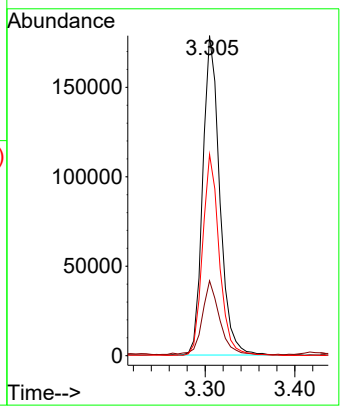
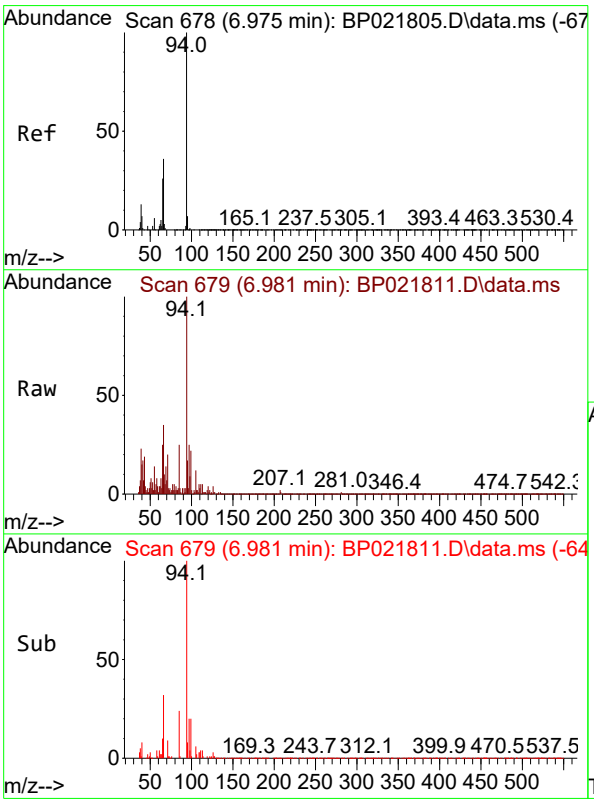
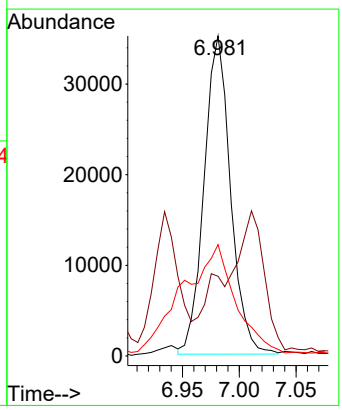


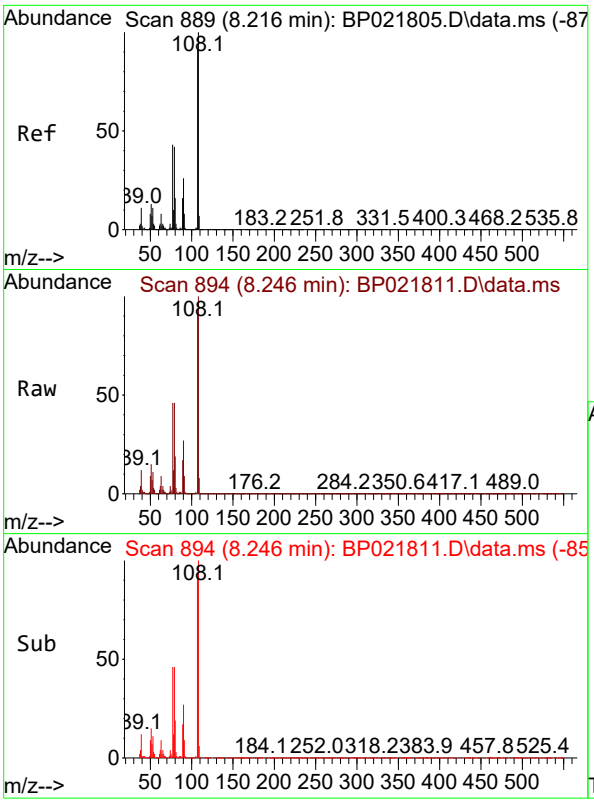


#8
Phenol
Concen: 1.263 ng/ul
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion: 94 Resp: 56845

Ion	Ratio	Lower	Upper
94	100		
65	24.9	20.0	30.0
66	34.8	27.0	40.4

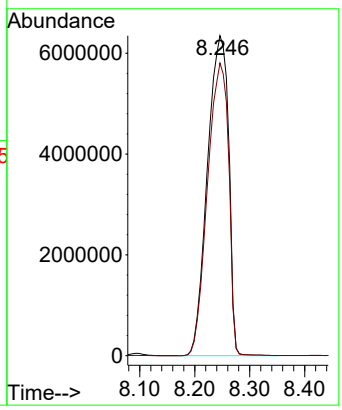




#13
2-Methylphenol
Concen: 522.323 ng/ul
RT: 8.246 min Scan# 8
Delta R.T. 0.024 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion:108 Resp:1696341

Ion	Ratio	Lower	Upper
108	100		
107	91.5	73.2	109.8



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ClientSampleId :
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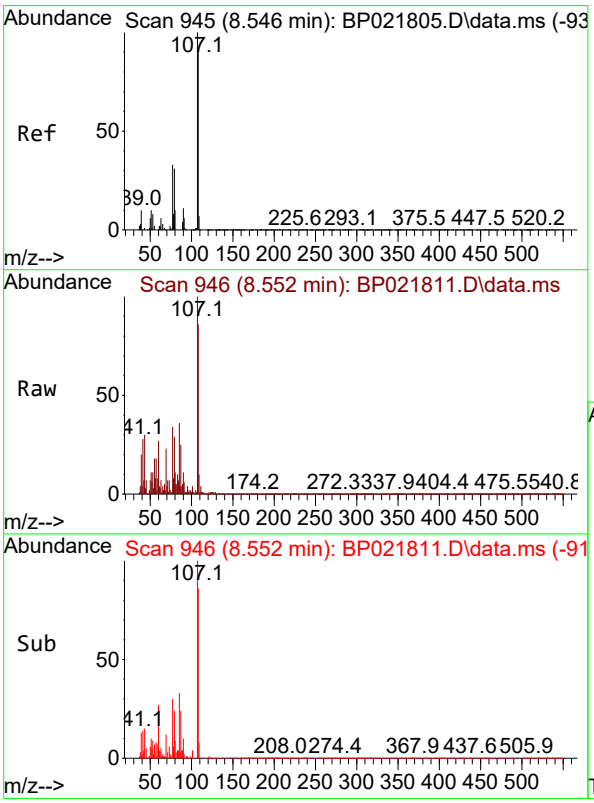
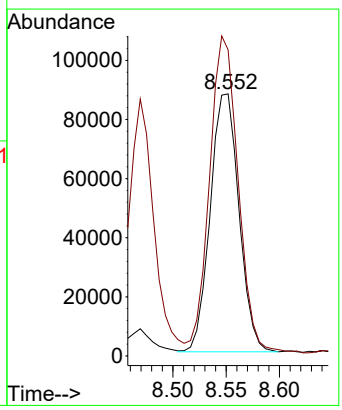
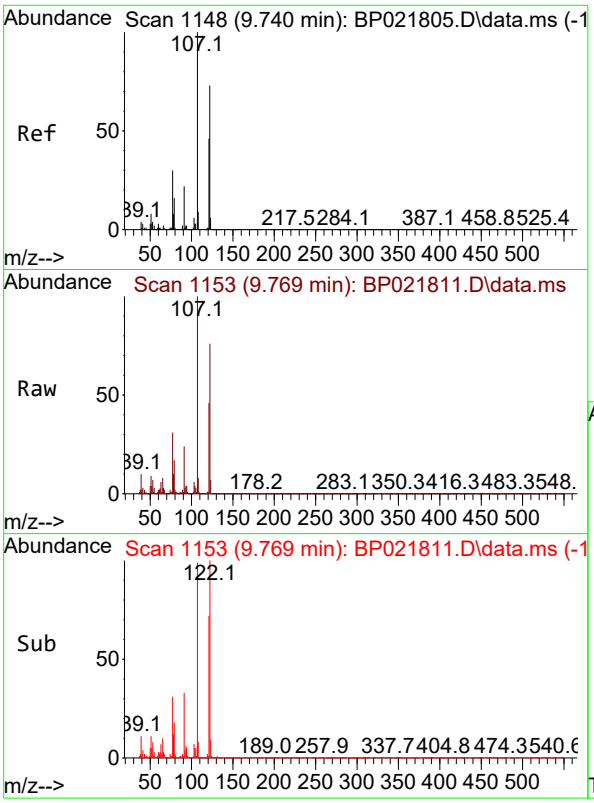


#18
4-Methylphenol
Concen: 4.597 ng/ul
RT: 8.552 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion:108 Resp: 163442

Ion	Ratio	Lower	Upper
108	100		
107	116.8	90.1	135.1

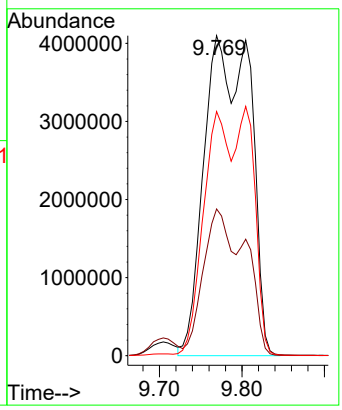




#26
2,4-Dimethylphenol
Concen: 452.887 ng/ul m
RT: 9.769 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion:107 Resp:1589596

Ion	Ratio	Lower	Upper
107	100		
121	45.8	36.9	55.3
122	76.3	61.0	91.4



Instrument :
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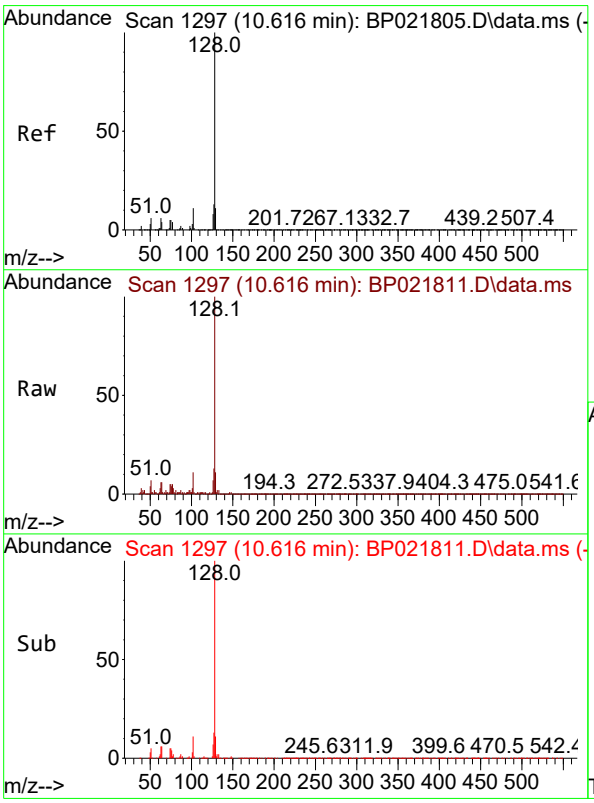
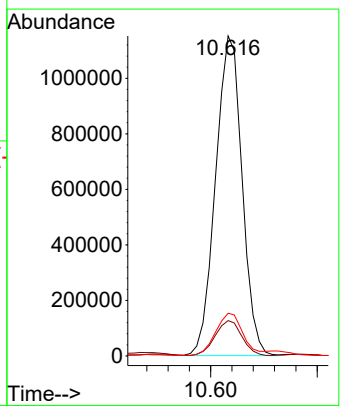
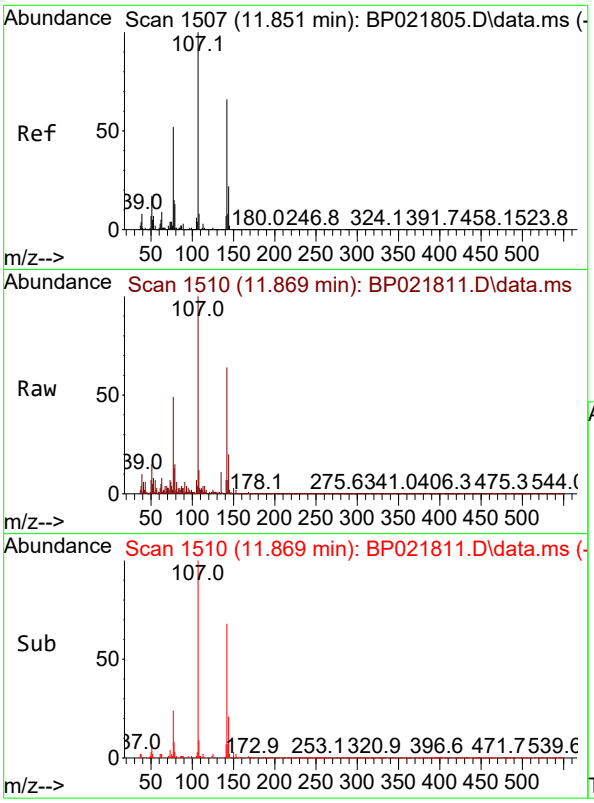


#30
Naphthalene
Concen: 22.309 ng/ul
RT: 10.616 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion:128 Resp: 1987222

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.5	15.7





#35
4-Chloro-3-methylphenol
Concen: 34.924 ng/ul
RT: 11.869 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion:107 Resp: 118143

Ion	Ratio	Lower	Upper
107	100		
144	20.3	17.5	26.3
142	63.8	53.3	79.9

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ClientSampleId :
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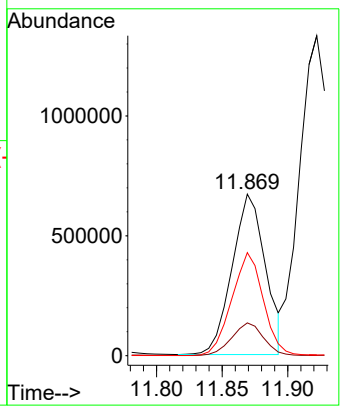
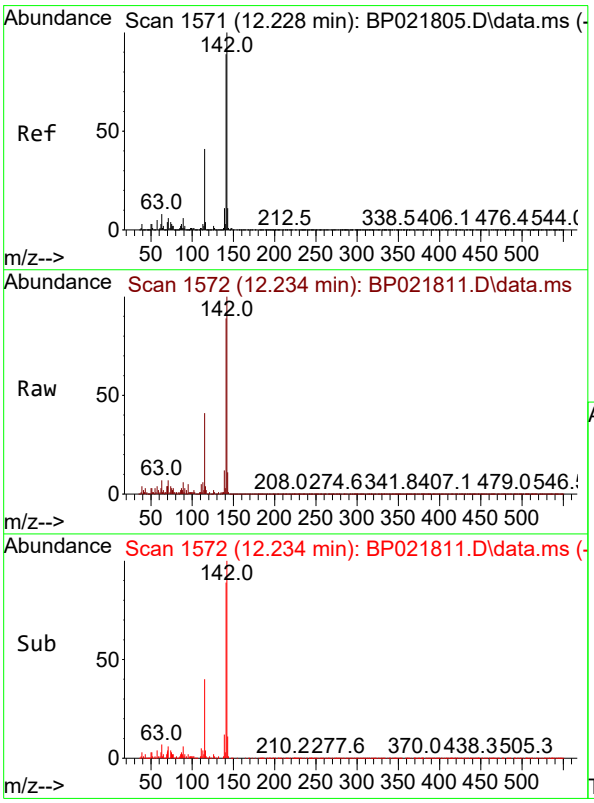
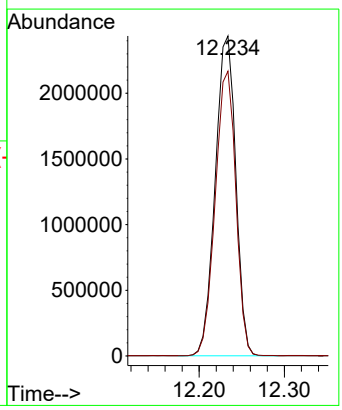


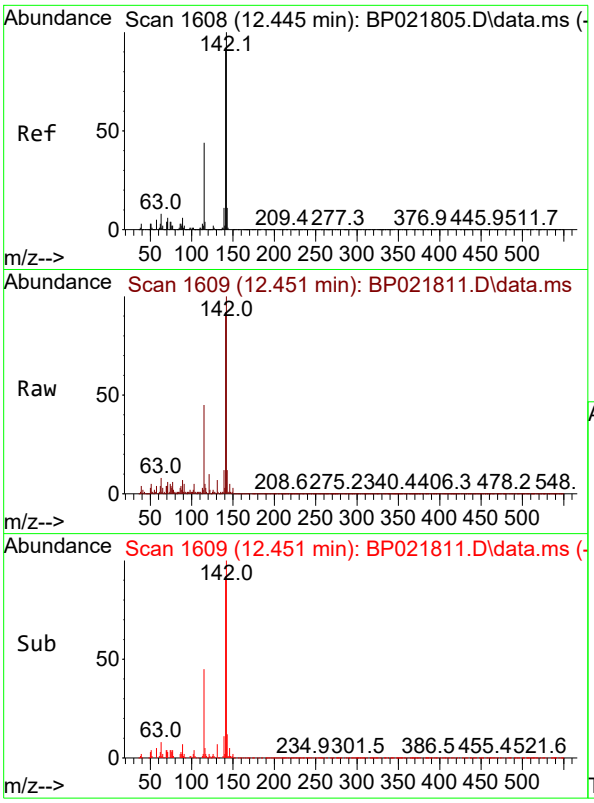


#36
2-Methylnaphthalene
Concen: 67.900 ng/ul
RT: 12.234 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion:142 Resp: 4091051

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.1	106.7

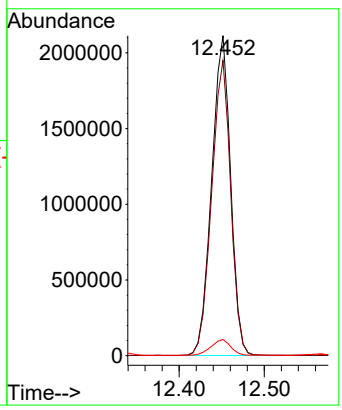




#37
1-Methylnaphthalene
Concen: 53.949 ng/ul
RT: 12.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion:142 Resp: 326941

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.6	111.8
116	5.1	3.5	5.3



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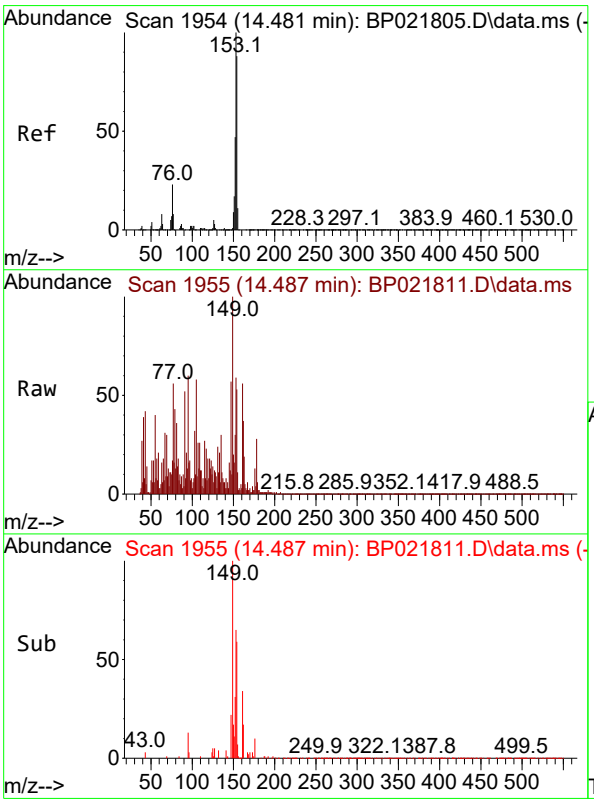

#52
Acenaphthene
Concen: 1.037 ng/ul
RT: 14.487 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP021811.D
Acq: 04 Sep 2024 08:02

Tgt Ion:153 Resp: 76054

Ion	Ratio	Lower	Upper
153	100		
152	50.6	38.0	57.0
154	89.6	70.2	105.4