Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
Data File : BP026229.D
Acq On : 03 Dec 2025 16:18
Operator : RC/JU
Sample : PB170806BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170806BL

Quant Time: Dec 03 16:38:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	286958	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1100845	20.000	ng	-0.03
39) Acenaphthene-d10	14.295	164	733702	20.000	ng	-0.03
64) Phenanthrene-d10	17.101	188	1440209	20.000	ng	-0.03
76) Chrysene-d12	21.530	240	1258755	20.000	ng	-0.04
86) Perylene-d12	24.818	264	1378657	20.000	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2152635	120.407	ng	0.00
7) Phenol-d6	6.843	99	2604324	114.425	ng	-0.01
23) Nitrobenzene-d5	8.795	82	1528066	78.846	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	1194772	125.529	ng	-0.02
45) 2-Fluorobiphenyl	12.895	172	4054772	80.995	ng	-0.04
79) Terphenyl-d14	19.830	244	5987189	96.986	ng	-0.04
Target Compounds						Qvalue

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

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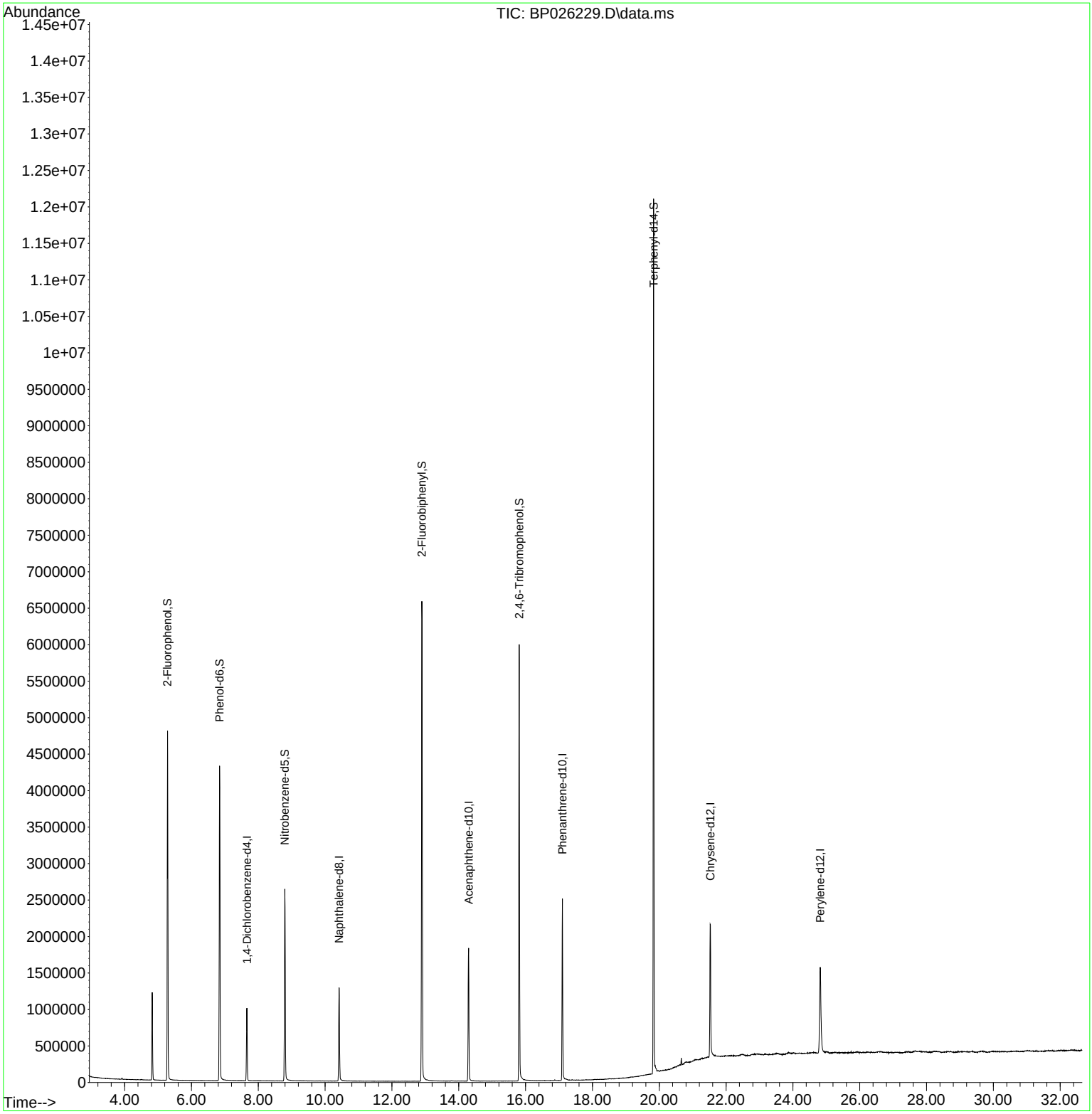
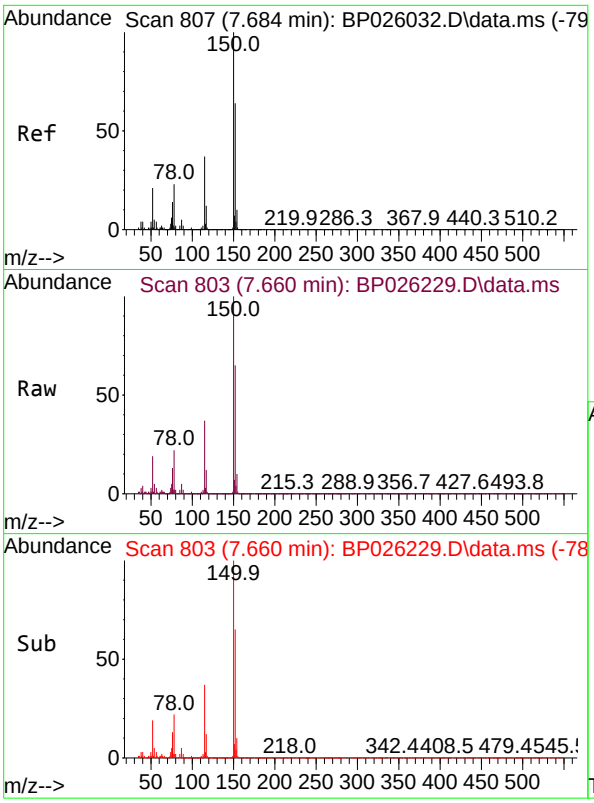


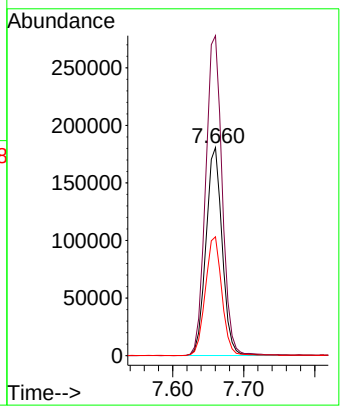


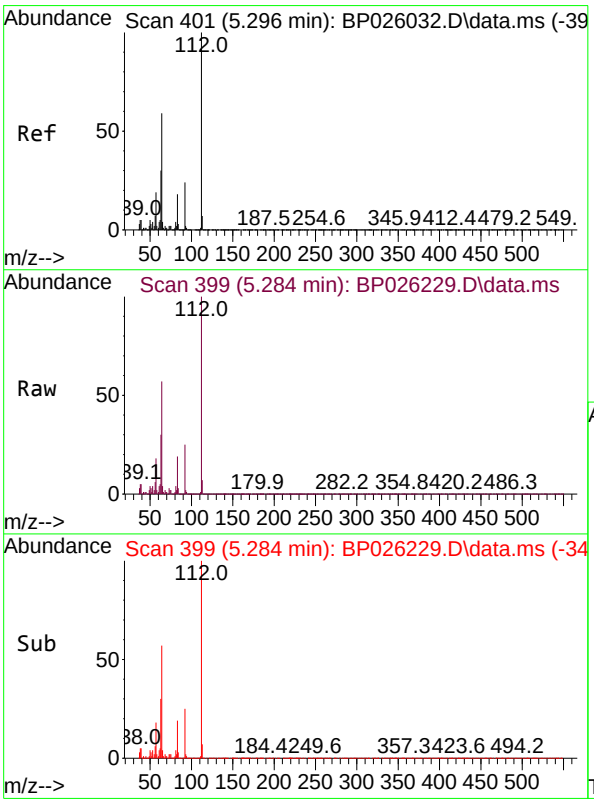
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Instrument :
BNA_P
ClientSampleId :
PB170806BL

Tgt Ion:152 Resp: 286958

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.0	184.6
115	57.1	46.3	69.5

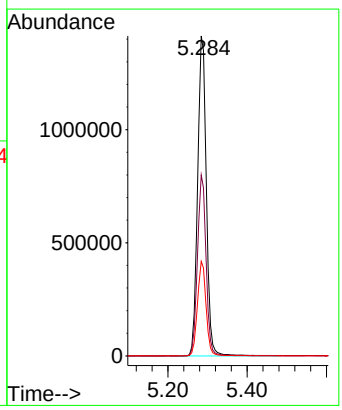


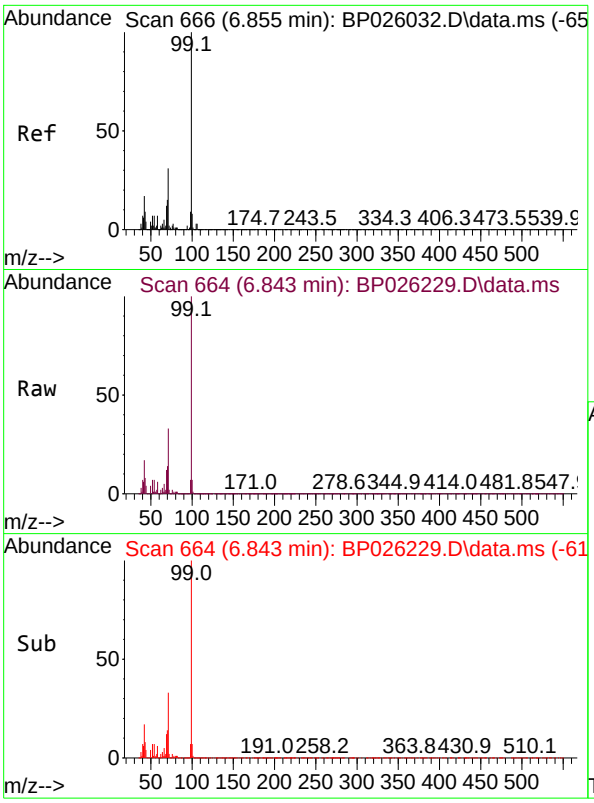


#5
2-Fluorophenol
Concen: 120.407 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:112 Resp: 2152635

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.8	68.6
63	29.5	23.5	35.3



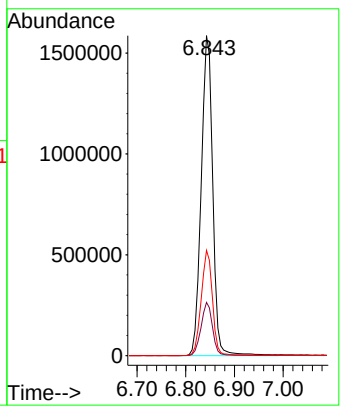


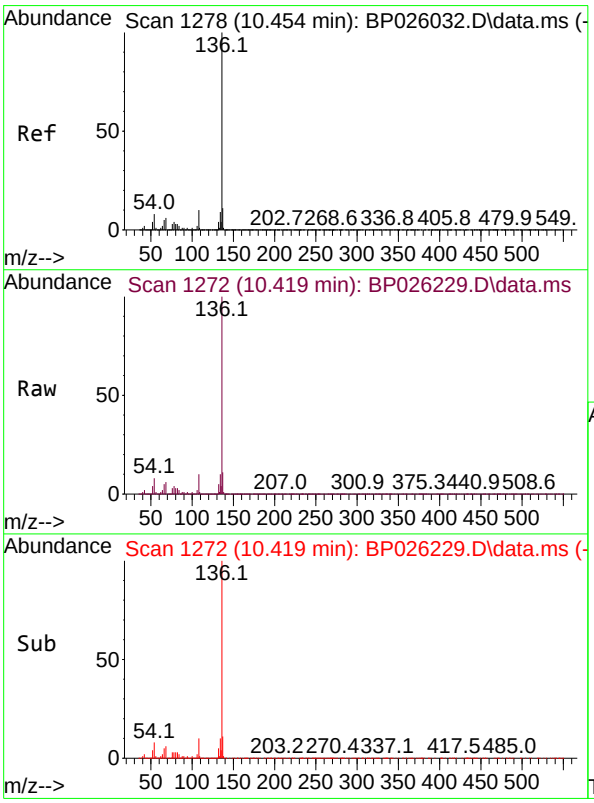
#7
Phenol-d6
Concen: 114.425 ng
RT: 6.843 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Instrument :
BNA_P
ClientSampleId :
PB170806BL

Tgt Ion: 99 Resp: 2604324

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.9	19.3
71	32.9	24.8	37.2

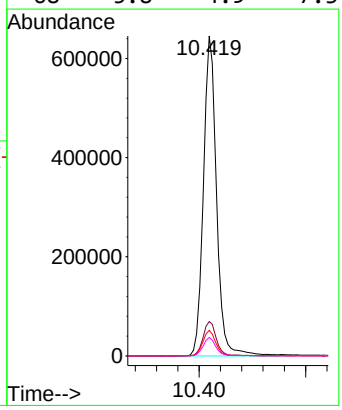


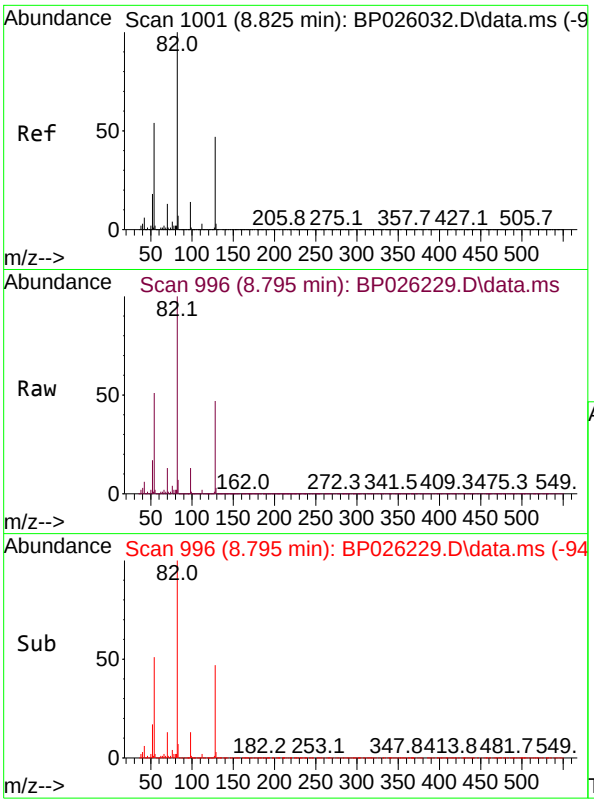


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.030 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:136 Resp: 1100845

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.0	6.4	9.6
68	5.8	4.9	7.3



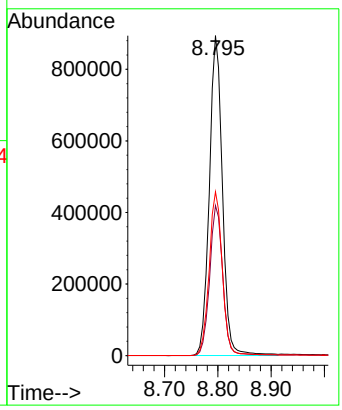


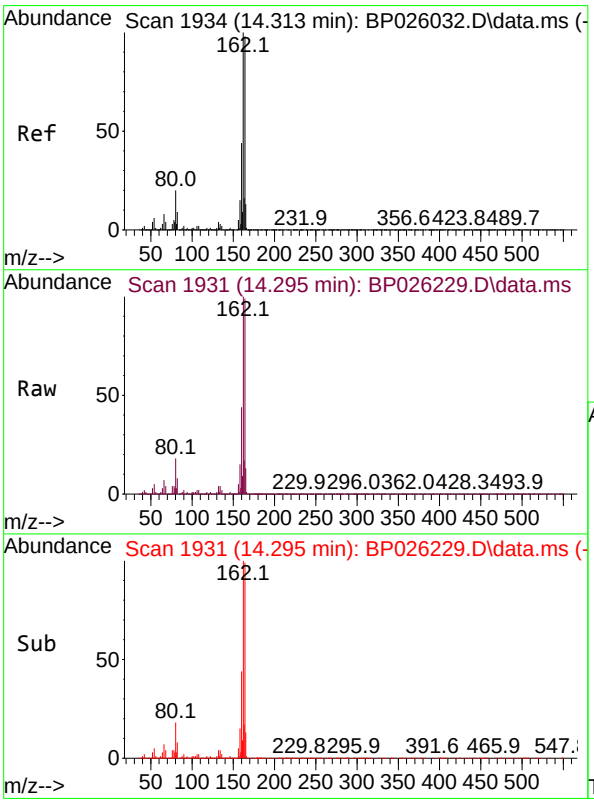
#23
Nitrobenzene-d5
Concen: 78.846 ng
RT: 8.795 min Scan# 99
Delta R.T. -0.018 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Instrument :
BNA_P
ClientSampleId :
PB170806BL

Tgt Ion: 82 Resp: 1528066

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	51.2	41.6	62.4

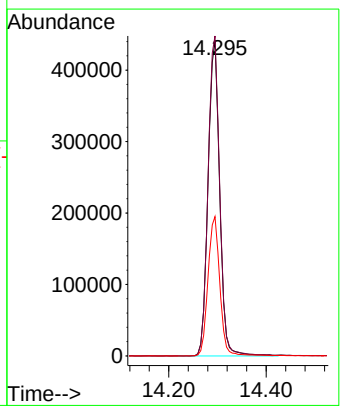


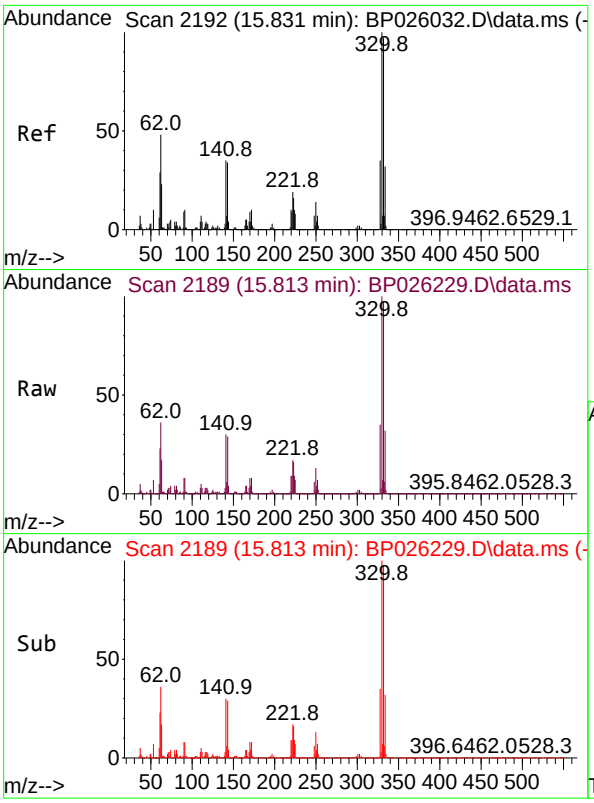


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.030 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:164 Resp: 733702

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.3	120.5
160	44.1	35.2	52.8



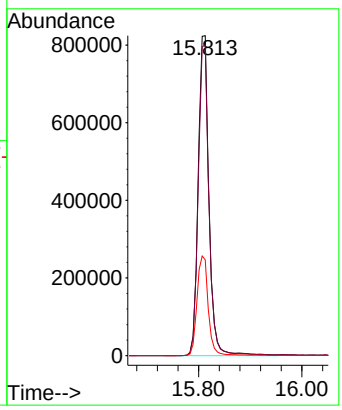


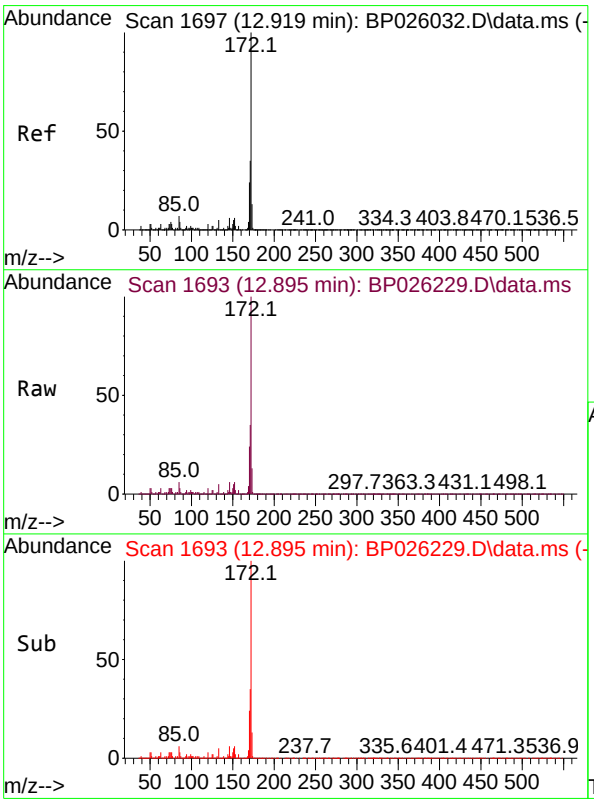
#42
2,4,6-Tribromophenol
Concen: 125.529 ng
RT: 15.813 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Instrument :
BNA_P
ClientSampleId :
PB170806BL

Tgt Ion:330 Resp: 1194772

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	32.6	26.8	40.2

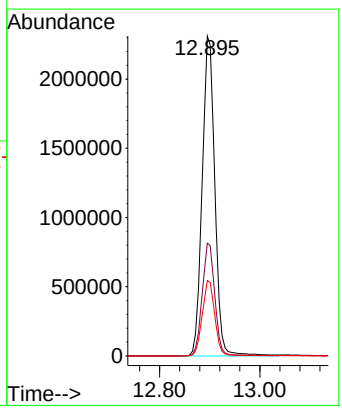


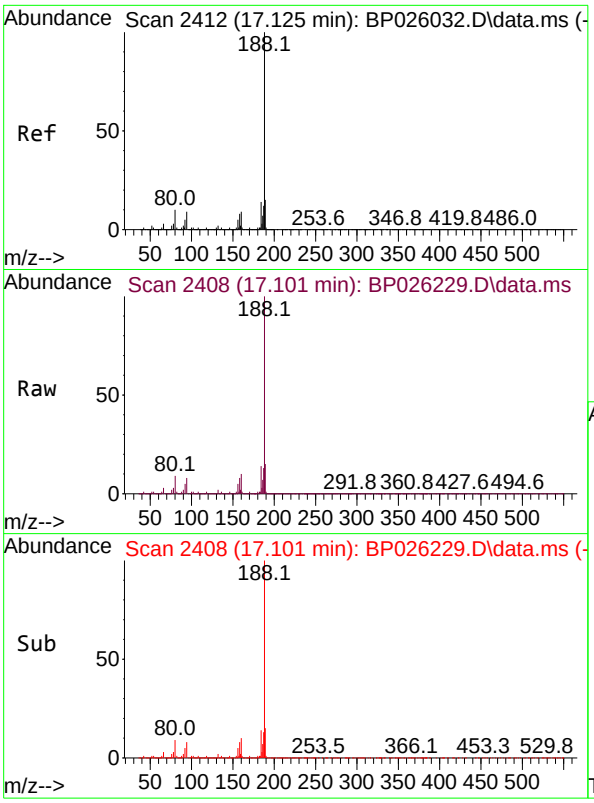


#45
2-Fluorobiphenyl
Concen: 80.995 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.035 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:172 Resp: 4054772

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.5	18.7	28.1



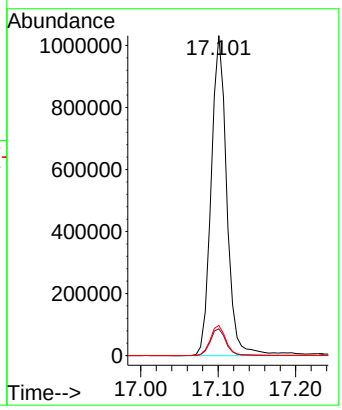


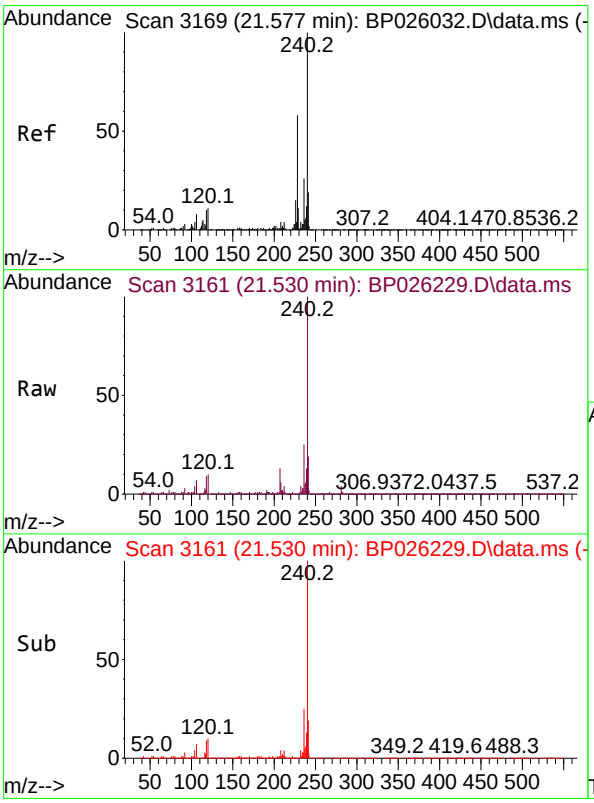
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 24
Delta R.T. -0.030 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Instrument :
BNA_P
ClientSampleId :
PB170806BL

Tgt Ion:188 Resp: 1440209

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.6
80	9.4	8.2	12.2

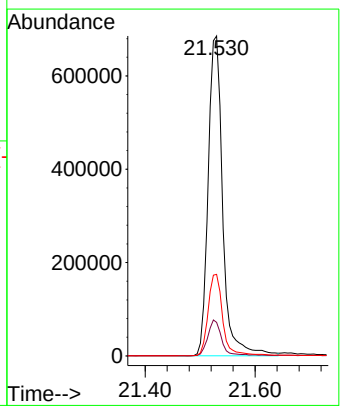


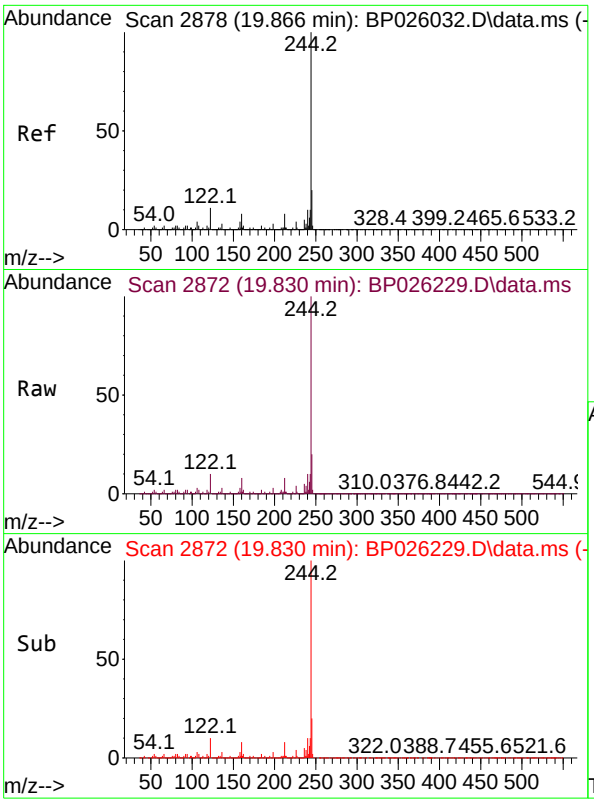


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.041 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:240 Resp: 1258755

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.4
236	25.5	20.4	30.6



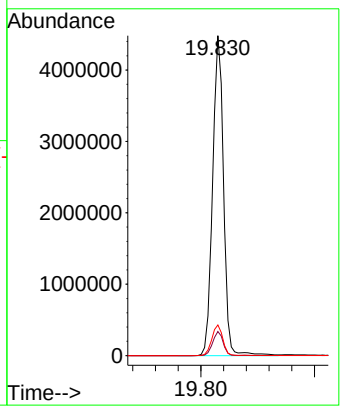


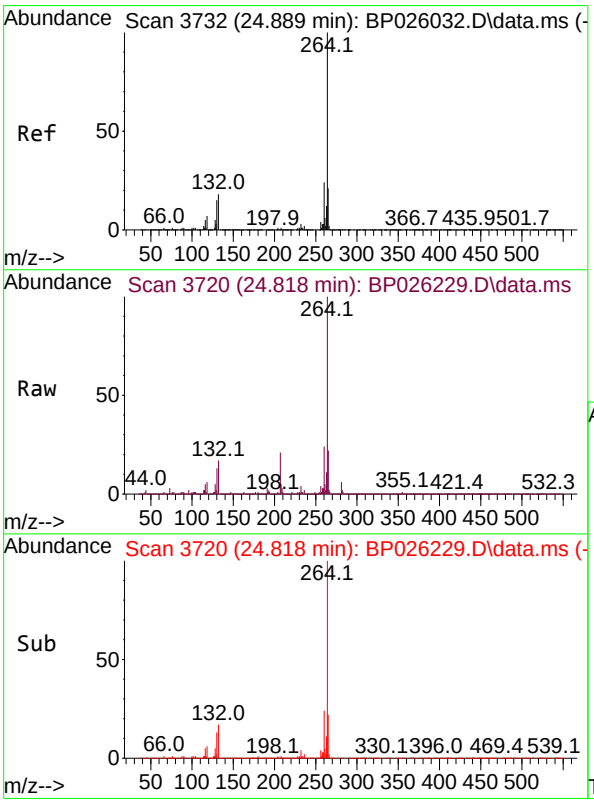
#79
Terphenyl-d14
Concen: 96.986 ng
RT: 19.830 min Scan# 28
Delta R.T. -0.041 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Instrument :
BNA_P
ClientSampleId :
PB170806BL

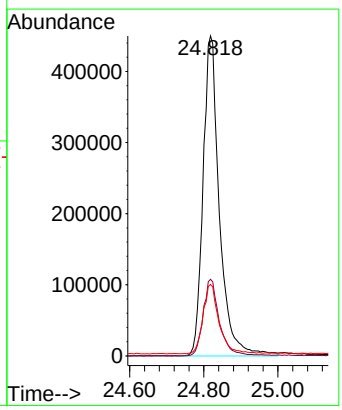
Tgt Ion:244 Resp: 5987189

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.6	8.2	12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.818 min Scan# 3720
Delta R.T. -0.088 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:264 Resp: 1378657

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.3	17.5	26.3